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METEOROLOGICAL OFFICE.

BRITISH METEOROLOGICAL AND MAGNETIC YEAR BOOK, 1910.

PART V.

RÉSEAU MONDIAL, 1910.

MONTHLY AND ANNUAL SUMMARIES OF PRESSURE, TEMPERATURE, AND PRECIPITATION AT LAND STATIONS,

GENERALLY TWO FOR EACH TEN-DEGREE SQUARE OF LATITUDE AND LONGITUDE.

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RÉSEAU MONDIAL, 1910.

PREFACE.

The compilation of a series of meteorological data representing the meteorology of the globe has been for a long time a cherished ambition of meteorologists, because it is generally acknowledged that the weather of any particular region is only the local result of causes which belong to the general circulation of the atmosphere, and can only be interpreted in general terms when the results for one locality can be placed in effective comparison with those for the rest of the globe.

Summaries of results for pressure, temperature, and rainfall based on averages for a long series of years have already been given to the world. Alexander Buchan's compilation, contained in the volume of the results of the *Challenger* Expedition comprising the Report on Atmospheric Circulation, is the most notable. It includes a representation of the average distribution of pressure and temperature for each month, with tables for the individual stations, which are still a mine of reference for all who are interested in meteorology; and in the time before its publication Dové's charts of mean temperature were, and still are, counted among the best known meteorological classics, and are the basis of the maps reproduced in many works on physical geography. In the last few years comprehensive tables of extremes and averages for several hundred coast stations have been compiled in this Office and published in the various Admiralty Pilots and Sailing Directions.

The gradual progress of meteorology on an international basis may be dated back to the International Congresses of 1874 at Vienna and 1879 at Rome. It has been carried on with increasing success by periodical Conferences of Directors of Meteorological Institutes and Observatories, with triennial meetings of the International Meteorological Committee appointed by the Conferences. It has led meteorologists to recognise that normal values are only the first beginning of the systematic study of the meteorology of the globe, and that the next important step is the compilation of monthly means of pressure, temperature, and rainfall which are the result of observations at stations in all parts of the world, conducted in accordance with the regulations laid down by the international organisation in order to secure the uniformity of practice necessary for the purposes of comparison.

Prominent among those who have urged the study of meteorology on the scale of a *réseau mondial* is the veteran meteorologist H. H. Hildebrandsson, for many years Professor in the University of Upsala, whose memoirs on centres of action in the atmosphere also rank among classical researches in meteorology. For him the month was the accepted time-unit, while his collaborator the late Léon Teisserenc de Bort, in 1905, demanded the collection of daily data for a *réseau mondial* by telegraph, and obtained the appointment of a special commission by the International

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Meteorological Committee in 1907 to satisfy the demand, with which that of Professor Hildebrandsson was subsequently associated. Before that, the Solar Physics Observatory at South Kensington insisted upon the compilation of meteorological data for the globe from the point of view of the relation of solar and terrestrial changes, and in order to further that object a Solar Commission was constituted by the International Meteorological Committee at Southport in 1903 under the presidency of Sir Norman Lockyer, and held several meetings, at the last of which, in 1909, a selection of stations at the rate of two for each ten-degree square of latitude and longitude was prepared.

The inherent difficulties of the task of compiling the data from the publications of the various meteorological institutes appearing at widely different intervals after the close of the period under review, and of supplementing them by data which are believed to exist but are not published, have hitherto proved insuperable, and various attempts have been made by individual institutes—notably by the Solar Physics Observatory, by the Indian, Australian, and Argentine Services, and especially by Professor Hildebrandsson—to collect the data necessary for special branches of research. More recently the Meteorological Institute of the Netherlands, with the assistance of the Commission for Maritime Meteorology, has initiated the collection of monthly data for selected areas of the sea, in order to supplement the available information on land.

It was my duty, as President of the International Meteorological Committee, to do what was possible to assist in meeting a demand so generally regarded as urgent, and so difficult to satisfy on account of the number of obstacles, each in itself trivial but practically deterrent by their number; and in 1910 I presented to the meeting of the International Committee at Berlin a specimen of the compilation for the month of January 1905, which was accepted as satisfactory. General support was promised to the enterprise provided it was understood that the resulting compilation would be published.

After five years of endeavour to find means to deal with the demand, through the energy and perseverance of a member of the staff of the Meteorological Office, Mr C. E. P. Brooks, M.Sc., with the effective assistance of Mr H. W. Braby, M.A., until he left for service in the war, I succeeded in compiling the monthly results for the year 1911 in the form which was used for the specimen presented at Berlin. Preparation of the tables for 1912 and 1913 followed in due course, and the tables for 1911, 1912, and 1913, and also specimen charts for 1911, showing the deviations of pressure and temperature from normal values, were published in 1917 and 1918.

During the war it was not possible to embark on the preparation of the volume for 1914, the data for which were in most cases not published, and, in order that the machinery which had been developed for carrying on the work should not be lost, it was decided to continue with the volume for 1910. This now appears, though with a large gap in Asiatic Russia, and will be the first of the series, since there is hope that it will now be possible to continue with the later years. The present volume is largely the work of Miss W. A. Quennell.

There is a sense in which the Meteorological Office is specially called upon to take up the responsibility of a work of this kind. In response to urgent representations of

various kinds it has, for some years past, made a point of collecting together the meteorological information compiled in the various British colonies scattered over the globe which have no organised meteorological institute; the original intention was to compile a volume of meteorological data for the British Empire as a fifth part of the *British Meteorological and Magnetic Year-Book*.* This was felt to be an urgent necessity, if only for the purpose of keeping in sympathetic touch with the work which is conducted sometimes under very adverse conditions and with little supervision or expert assistance. Those who have experience in supervising work carried on at a great distance from the base will recognise that the headings of columns on a form for the entry of observations are sometimes misunderstood or disregarded by the observer until his attention is called thereto; and unless the examination is done promptly and regularly it is too late. Moreover, the most effective way of examining results is to chart them; and thus, when the work came to be taken in hand, it was found desirable to have the values of neighbouring countries for the purpose of comparison; and, indeed, it became apparent that with not very much additional labour the summary might be extended beyond the limits of the British Empire to include the whole of the known globe.

It will be understood that the representation of the meteorology of the globe which is here presented is only in outline. Precipitation in particular cannot be adequately represented by two stations to the square of ten degrees in latitude and longitude. But it is better to include it now as a guide to the questions which will subsequently be answered more fully. Pressures are expressed in millibars, temperatures in degrees centigrade measured from absolute zero, and rainfall in millimetres. Conversion tables are appended to this preface.

There are other points which will have to be considered before the work can be regarded as complete. The observations of pressure and temperature are taken at fixed hours at the different stations, and the fixed hours are not the same for all when referred either to local time or standard time. Consequently there may be systematic differences due to the difference of hours selected for observations, and wherever possible the results must be reduced to the true mean value for the period of twenty-four hours, which is usually regarded as identical with the mean of twenty-four readings at equal intervals of an hour. But in many cases the appropriate correction is not known. It is a subject in which it is better not to guess, and consequently the mean values of the readings in their original form are given, and in the case of pressure a separate table is given in the Introduction for the amount of correction representing the necessary reduction to the twenty-four hour mean, while in the case of temperature an additional column is given headed "24 hr. mean," in which corrected means are shown in *italics*.

In temperature there is a further special case to be considered because observations of maximum and minimum temperature are often available, sometimes instead of, sometimes in addition to the observations at fixed hours.

In his climatological work, Dr Buchan preferred to accept the "mean of maximum and minimum" as a definition of mean temperature of the air for a month, because it was more convenient to handle than a definition based upon the mean ordinate of a

* The meteorological observations in the British Crown Colonies are now being compiled for the years 1910 to 1919; observations for 1920 and subsequent years will appear as part of the *Year-Books* for those years.

continuous record for the twenty-four hours. On the other hand, Dr J. von Hann has devoted much attention to the question of difference between the true mean temperature and the means of the twenty-four hours, and regards it as particularly worthy of attention in tropical regions.*

In the tables of values here given, we have to allow for every kind of variation permissible by the international rules, and in consequence the means as extracted from the published results are of many different forms. It has been thought best to give the mean of the maximum and minimum whenever both were available, and otherwise to give the means at combinations of hours which are specified for each station in a supplementary table which follows the meteorological data.

This brings us to a third point, namely, the differences of values for the particular month from the normal values for the month for the individual stations. In the absence of any universally applicable rule for obtaining the true means for the twenty-four hours, it is useful to be able to work with difference from normal instead of depending upon the actual difference between stations. Here again there is a difficulty, because the normals for different stations ought to be based on equal numbers of years of record, and indeed, strictly speaking, on the same interval of time.

But the records are not by any means concurrent. In such circumstances we have this consolation for our inability to present a truly homogeneous series of data—that the associations of weather phenomena which we are seeking by this compilation must be something much deeper and wider than anything that can be obliterated by the chance of the selection of years for the normal or the method of obtaining means. If not, the work of the Réseau Mondial would be a vain pursuit. When we get to the stage when general considerations will be contingent upon precise accuracy in the formation of the deviation from normal, the object of the meteorological plan of organisation of stations will be sufficiently clear to secure the requisite co-operation.

In the meantime it is hoped that the mode of presentation will upon examination commend itself to my meteorological colleagues. It is to me not only interesting but satisfactory that in glancing over the tables, with the exception of three entries in the height column for stations that are below sea level, the prefix of the sign + or − before a number means always and everywhere the difference from the figures accepted for normal.

The appearance would have been very different if five additional columns of temperature had required the prefix of a sign to make the reading intelligible.

* Hann, J. von, "Der tägliche Gang der Temperatur in der Tropenzone," Wien, *Denkschr. math.-naturw. Kl. k. Akad. Wiss.*, 78, 1905, p. 249; 80, 1906, p. 317; 81, 1907, p. 21.

NAPIER SHAW, *Director.*

METEOROLOGICAL OFFICE,
March 1920.

INTRODUCTION TO THE TABLES OF THE RÉSEAU MONDIAL FOR THE YEAR 1910.

THE following tables deal with the meteorology of the globe month by month for the year 1910. As far as the available data permitted, two stations have been included for each ten-degree square, and in some cases, chiefly in Western Europe, three stations. All the stations are land stations, no marine data being included. The majority of the stations are under the control of the various Government Meteorological Services, and may therefore be regarded as giving comparable records. In other cases information as to the exposure of the instruments is often lacking, and then it is not certain that standard conditions have obtained. No observations are included that are known to be faulty in this respect. The elements dealt with are barometric pressure, temperature of the air, and precipitation. Absolute units on the C.G.S. system are employed throughout.

Numbering of the Stations.—The stations are divided according to their latitude into sixteen ten-degree zones, numbered from North to South, Zone 1 being from 80° to 70° North, and Zone 16 from 70° to 80° South. Each of these zones is divided at every tenth degree of longitude, into thirty-six ten-degree squares. Each square normally contains two stations, so that to each square in the zone, starting from 180° (Greenwich longitude) and proceeding eastward, two numbers are assigned. The stations within the ten degrees between longitude 180° W. and 170° W. are thus numbered 1, 2, those between 170° W. and 160° W. 3, 4, and so on; those between 170° E. and 180° E. are numbered 71, 72. To the numbers of the stations in each zone is prefixed the number of the zone, the whole making a system of numeration for the stations, *e.g.* in Zone 1, Nos. 101, 102 . . . 171, 172; in Zone 10, Nos. 1001, 1002 . . . 1072. Where there are three stations in a ten-degree square, the third station is designated by the number of the second station with the letter *a* attached.

Pressure.—The readings of barometric pressure are reduced to mean sea level when the height of the cistern is accurately known and does not exceed a thousand metres. Above this height the readings are not, as a rule, reduced. The tables employed in the reductions are based on those in the International Meteorological Tables, the mean temperature at the station for the month being taken to represent the temperature of the column of air. Owing to the low temperatures recorded in Canada and Siberia, this probably makes the sea-level pressures there during the winter months artificially high. If we assume a temperature inversion of 10 a. immediately above the ground, the excess would be about one millibar for every two hundred metres height of the station. The hours of observation to which the barometer readings refer are shown in the table of authorities at the end of the monthly tables. In many cases the figures are means of hourly values, for others a table is given at the end of this Introduction, showing the corrections which must be applied to the readings if it is wished to reduce the values given to twenty-four hourly means. These corrections are not available for all stations.

Differences from normal are given wherever average values were obtainable ; where both station-level and sea-level readings for the month are given, the differences refer to the latter, except at stations under the charge of the Indian Meteorological Service. The periods covered by the averages vary ; it was not possible to employ a homogeneous series, owing to the late commencement of many of the tropical stations.

Temperature.—The tables of temperature include the means of the daily readings of the maximum and minimum thermometers, the highest reading of the maximum and the lowest reading of the minimum thermometer, the mean temperature, obtained from the mean maximum and mean minimum or from observations at fixed hours, and a column showing the observed or deduced mean of twenty-four hourly values. The normals, like those of pressure, are for varying periods, but in all cases they are based on the same combination of values as the current data.

Precipitation.—The term precipitation includes besides rain, snow, hail, and (if in measurable amount) dew. The solid precipitates are measured by the depth of water they yield or are computed to yield when melted.

Standard of Time.—The standard of time to which the hours of observation refer is either local time or local standard time. As a rule, at stations unconnected with a Government Weather Service local time is employed, while the Government Services employ local standard time for all the stations within their district.

Tables of Authorities.—The publications of the various Meteorological Institutes, from which the data for 1913, as well as the normals for the stations, are taken, are shown in the "Tables of Authorities, etc.," at the end of the volume. The letters **P**, **T**, **R** refer to Pressure, Temperature, and Precipitation. In some cases the data for 1910 are not yet published by the institutions responsible for them, and advance copies in manuscript have been kindly supplied by the directors. The data for some stations in the British Crown Colonies exist in manuscript at this Office, but have not yet been published in any other form. The positions and heights of the stations, and the spelling of the names, have been taken, wherever possible, from the official publications.

Table I. gives corrections based, where possible, on averages of several years, which must be applied in order to reduce to true or twenty-four hourly means the values of pressure contained in the monthly tables.

Tables II.–V. show the equivalents in absolute C.G.S. units of inches and millimetres of mercury, degrees Fahrenheit, and inches of rainfall.

TABLE I.—*Corrections to reduce Means of Pressure at various hours or combinations of hours to True Mean.*

	Jan.	Feb.	Mar.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Year.
Zone 1.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.
Gaasefiord for North Star Bay, ⅓ (8+14+21) (1)	0·0	0·0	0·0	0·0	0·0	−0·1	−0·1	0·0	0·0	0·0	0·0	0·0	0·0
Gaasefiord and Godthaab for Upernivik, ⅓ (8+14+21) (1)	0·0	0·0	−0·1	−0·1	−0·1	−0·1	−0·1	0·0	0·0	0·0	0·0	0·0	0·0
Zone 2.													
Sitka for Nome, 19 h. (8)	+0·2	+0·2	0·0	0·0	+0·1	0·0	0·0	0·0	+0·1	+0·1	+0·1	0·0	+0·1
Jacobshavn, ⅓ (8+14+21) (1) ..	0·0	0·0	−0·1	−0·1	−0·1	−0·1	−0·1	0·0	0·0	0·0	0·0	0·0	0·0
Godthaab, ⅓ (8+14+21) (1)	0·0	−0·1	−0·1	−0·1	−0·1	−0·1	−0·1	−0·1	−0·1	−0·1	−0·1	−0·1	−0·1
Helsingfors, 7 h. (2)	+0·7	+0·1	+0·1	+0·2	+0·2	−0·1	−0·2	+0·1	+0·2	+0·4	+0·2	+0·4	+0·2
Kuopio, 7 h. (1)	+0·5	+0·2	+0·2	+0·2	+0·1	−0·1	−0·1	+0·1	+0·1	+0·3	+0·3	+0·3	+0·2
Kola, ⅓ (7+13+21) (1)	+0·1	0·0	0·0	0·0	0·0	0·0	0·0	0·0	0·0	0·0	0·0	0·0	0·0
Petrozavodsk, 7 h. (1)	+0·2	+0·2	+0·2	+0·1	+0·1	−0·1	0·0	0·0	+0·1	+0·3	+0·2	+0·2	+0·1
Arkhangelsk, 7 h. (1)	+0·3	+0·3	+0·3	+0·1	+0·1	−0·1	0·0	0·0	+0·1	+0·3	+0·3	+0·2	+0·2
Oust-Tsylma, 7 h. (1)	+0·3	+0·3	+0·3	+0·1	0·0	−0·1	0·0	0·0	+0·1	+0·3	+0·3	+0·2	+0·1
Zone 3.													
Sitka for Dutch Harbour, 15 h. (8) ..	+0·1	0·0	0·0	−0·2	−0·1	−0·2	−0·2	−0·2	−0·2	−0·1	+0·1	0·0	−0·1
Sitka, 16 h. (8)	+0·1	+0·1	+0·1	−0·1	−0·1	−0·2	−0·2	−0·1	−0·1	0·0	+0·2	0·0	0·0
Sitka and Victoria for Prince Rupert, ½ (5+17) (1)	+0·2	+0·2	+0·2	+0·2	+0·2	+0·1	+0·1	+0·2	+0·2	+0·2	+0·2	+0·1	+0·2
Victoria for Kamloops, ½ (8+20) (1) ..	+0·1	+0·1	0·0	0·0	0·0	+0·1	+0·1	0·0	0·0	0·0	0·0	+0·1	0·0
Victoria and Moose Jaw for Calgary, ½ (8+20) (1)	0·0	0·0	0·0	0·0	0·0	0·0	0·0	0·0	0·0	0·0	0·0	0·0	0·0
Fort Confidence and Moose Jaw for Fort Chipewyan, ½ (8½+17½) (1) ..	+0·1	+0·1	0·0	+0·1	+0·1	+0·1	0·0	−0·1	−0·1	0·0	+0·1	+0·1	0·0
Moose Jaw for Prince Albert, ½(6+18) (1)	+0·3	+0·2	+0·2	+0·2	+0·2	+0·1	+0·1	+0·1	+0·2	+0·3	+0·3	+0·3	+0·2
Moose Jaw for Qu' Appelle, ½ (8+20) (1)	−0·1	−0·1	−0·1	0·0	0·0	0·0	−0·1	−0·1	−0·1	−0·1	−0·1	0·0	−0·1
Moose Jaw and Winnipeg for Minnedosa, ½ (7+19) (1)	+0·2	+0·1	+0·1	+0·1	+0·1	−0·1	−0·1	0·0	0·0	0·0	0·0	+0·1	0·0
Fort Churchill for York Factory, ½ (8+18) (1)	−0·1	0·0	0·0	+0·1	+0·2	+0·3	+0·2	+0·1	+0·1	−0·1	−0·2	−0·2	0·0
Le Pas and Fredericton for Fort Hope, ½ (8+19) (1)	−0·1	−0·2	−0·2	−0·1	0·0	0·0	+0·1	+0·1	0·0	−0·1	−0·1	−0·1	−0·1
Le Pas and Fredericton for Moose Factory, ½ (9+19) (1)	−0·2	−0·3	−0·2	0·0	0·0	+0·1	+0·1	0·0	−0·1	−0·1	−0·2	−0·2	−0·1
Hamburg and Upsala for Copenhagen, ⅛ (8+14+21) (2)	+0·1	−0·1	+0·1	+0·1	+0·1	+0·1	0·0	+0·1	+0·1	+0·1	0·0	−0·1	+0·1
Warsaw, ⅓ (7+13+21) (11)	+0·1	0·0	−0·1	−0·1	−0·1	−0·1	−0·1	0·0	0·0	0·0	+0·1	0·0	0·0
Petrograd, 7 h. (2)	+0·2	+0·2	+0·2	+0·1	0·0	−0·1	0·0	0·0	+0·1	+0·3	+0·2	+0·2	+0·1
Kiev, ⅓ (7+13+21) (1)	+0·1	+0·3	0·0	−0·1	−0·4	−0·4	−0·3	−0·3	−0·1	−0·2	+0·1	+0·1	−0·1
Saratov, 7 h. (1)	+0·1	−0·1	−0·1	−0·4	−0·5	−0·6	−0·6	−0·4	−0·4	−0·2	−0·1	+0·2	−0·3
Kazan, ⅓ (7+13+21) (1)	+0·1	0·0	0·0	−0·1	−0·1	−0·1	−0·1	−0·1	−0·1	−0·1	0·0	+0·1	0·0
Orenburg, 7 h. (1)	0·0	−0·1	−0·1	−0·4	−0·5	−0·6	−0·5	−0·4	−0·4	−0·2	0·0	+0·1	−0·3
Perm, 7 h. (1)	+0·1	+0·1	0·0	−0·1	−0·3	−0·3	−0·3	−0·1	0·0	+0·1	+0·2	+0·2	0·0
Ekaterinburg, 7 h. (2)	+0·1	+0·1	0·0	−0·1	−0·3	−0·2	−0·2	−0·1	0·0	+0·1	+0·2	+0·1	0·0
Omsk, ½ (7+13+21) (1)	0·0	0·0	0·0	0·0	−0·1	0·0	−0·1	0·0	0·0	−0·1	0·0	0·0	0·0
Barnaoul, ⅓ (7+13+21) (2)	0·0	0·0	0·0	−0·1	−0·1	0·0	0·0	0·0	−0·1	0·0	0·0	0·0	0·0
Tomsk, ⅓ (7+13+21) (1)	0·0	0·0	0·0	0·0	−0·1	0·0	0·0	0·0	0·0	0·0	0·0	0·0	0·0
Irkutsk, ⅓ (7+13+21) (2)	0·0	−0·1	−0·1	−0·2	−0·2	−0·2	−0·2	−0·2	−0·1	0·0	0·0	+0·1	−0·1
Nertchinsk, ⅓ (7+13+21) (2) ..	0·0	0·0	−0·1	−0·1	−0·1	−0·1	−0·1	−0·1	−0·1	0·0	0·0	+0·1	0·0
Zone 4.													
Winnipeg, ½ (7+19) (1) (and for Port Arthur)	0·0	0·0	+0·1	+0·1	+0·1	+0·1	+0·1	+0·2	+0·1	0·0	−0·1	−0·1	+0·1
St. John, N.B., ½ (9+21) (1)	−0·2	−0·3	−0·3	−0·3	−0·3	−0·2	−0·1	−0·3	−0·3	−0·3	−0·3	−0·2	−0·3
Rome, 8 h. (3)	0·0	0·0	+0·1	0·0	0·0	0·0	+0·1	0·0	+0·1	−0·3	−0·1	0·0	0·0
O-Gyalla for Buda Pesth, ⅛(7+14+21)(1)	+0·1	+0·1	0·0	+0·1	+0·1	+0·1	0·0	0·0	0·0	+0·1	+0·1	+0·1	0·0
Odessa, ⅓ (7+13+21) (11)	+0·1	0·0	−0·1	−0·1	−0·1	−0·1	−0·1	0·0	0·0	0·0	+0·1	0·0	0·0
Kharkov, 7 h. (1)	−0·1	0·0	0·0	−0·2	−0·3	−0·5	−0·4	−0·5	−0·4	−0·3	−0·2	−0·2	−0·3
Novorossiisk, 7 h. (1)	−0·3	−0·2	−0·3	−0·6	−0·7	−0·7	−0·7	−0·8	−0·8	−0·5	−0·3	−0·3	−0·5
Tiflis, 7 h. (2)	−0·2	−0·2	−0·6	−0·9	−0·9	−0·9	−1·0	−1·0	−0·9	−0·7	−0·4	−0·3	−0·7
Astrakhan, 7 h. (1)	−0·1	−0·2	−0·3	−0·7	−0·8	−0·8	−0·7	−0·7	−0·8	−0·5	−0·3	−0·1	−0·5
Krasnovodsk and Tachkent, 7 h. (1) ..	−0·1	−0·2	−0·5	−0·9	−0·9	−0·9	−0·7	−0·9	−0·9	−0·7	−0·3	−0·2	−0·6
Vladivostok, ⅓ (7+13+21) (1) ..	+0·1	0·0	−0·1	−0·1	−0·2	−0·2	−0·2	−0·2	−0·1	0·0	0·0	0·0	+0·1

TABLE I.—*Corrections to reduce Means of Pressure at various hours or combinations of hours to True Mean.*—continued.

	Jan.	Feb.	Mar.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Year.
	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.
Zone 5.													
Bermuda, ½ (9+21) (1)	−0·6	−0·6	−0·5	−0·4	−0·3	−0·2	−0·1	−0·2	−0·4	−0·5	−0·5	−0·5	−0·4
Horta, 6 h. (1)	+0·3	+0·6	+0·3	+0·3	+0·3	+0·3	+0·2	+0·2	+0·2	+0·1	+0·4	+0·2	+0·3
Ponta Delgada, ⅓ (9+15+21) (12) ..	0·0	0·0	−0·1	−0·2	−0·2	−0·2	−0·2	−0·2	−0·1	−0·1	−0·1	0·0	−0·1
Madeira, ⅓ (9+15+21) (1)	−0·1	−0·1	−0·1	−0·1	−0·1	−0·1	−0·2	−0·2	−0·2	−0·1	−0·1	−0·1	−0·1
Lisbon, ⅓ (9+15+21) (4)	−0·2	−0·1	−0·1	−0·2	−0·1	−0·1	−0·1	−0·2	−0·2	−0·3	−0·2	−0·2	−0·2
Bouzareah for Algiers, ⅓ (7+13+19) (1)	+0·1	+0·1	+0·1	0·0	0·0	0·0	0·0	−0·1	0·0	0·0	+0·1	+0·1	0·0
Metlaoui for Tunis, 7 h. (1)	−0·1	−0·2	−0·3	−0·5	−0·8	−0·9	−0·8	−0·7	−0·6	−0·4	−0·3	−0·2	−0·5
Malta, 8 h. (1)	−0·6	−0·7	−0·7	−0·7	−0·8	−0·8	−0·9	−0·8	−0·8	−0·8	−0·7	−0·6	−0·7
Naples for Catania, ¼ (7+9+15+21) (2)	0·0	0·0	0·0	0·0	−0·1	−0·1	−0·1	−0·1	−0·1	0·0	−0·1	−0·1	−0·1
Athens, 8 h. (1)	−0·3	−0·6	−0·4	−0·4	−0·4	−0·5	−0·4	−0·5	−0·3	−0·5	−0·5	−0·4	−0·4
Alexandria, 8 h. (1)	−0·4	−0·5	−0·5	−0·5	0·0	0·0	−0·1	−0·1	−0·4	−0·4	−0·5	−0·5	−0·3
Cairo (Helwan), 8 h. (5)	−0·8	−0·8	−0·8	−1·1	−0·8	−0·3	−0·9	−0·8	−0·9	−0·9	−0·9	−0·7	−0·8
Nicosia, 9 h. (1)	−0·8	−1·0	−0·8	−0·8	−0·7	−0·6	−0·7	−0·7	−0·7	−0·8	−1·0	−0·9	−0·8
Lenkoran, ⅓ (7+13+21) (1)	+0·1	0·0	−0·1	−0·1	−0·2	−0·2	−0·2	−0·2	−0·2	0·0	0·0	+0·1	−0·1
Quetta, 8 h. (6)	−0·9	−0·9	−1·1	−1·2	−1·2	−1·4	−1·3	−1·2	−1·4	−1·5	−1·4	−1·1	−1·2
Lahore, 8 h. (6)	−0·7	−0·6	−1·0	−1·2	−1·3	−1·6	−1·3	−1·5	−1·4	−1·4	−1·0	−0·9	−1·1
Simla, 8 h. (6)	−0·2	−0·2	−0·2	−0·4	−0·6	−0·5	−0·5	−0·4	−0·5	−0·5	−0·6	−0·4	−0·4
Leh, 8 h. (6)	−1·0	−0·9	−1·4	−1·3	−1·3	−1·6	−1·8	−1·7	−1·9	−1·7	−1·5	−1·2	−1·5
Dehra Dun, 8 h. (6)	−0·6	−0·5	−0·8	−1·1	−1·2	−1·3	−0·9	−0·7	−0·9	−1·0	−0·9	−0·7	−0·9
Zi-Ka-Wei for Hangkow, ⅓ (6+14+22) (7)	+0·3	+0·2	+0·2	+0·1	0·0	0·0	−0·1	0·0	0·0	+0·2	+0·2	+0·3	+0·1
Pekin for Tiensin, ⅓ (6+14+22) (8)	+0·3	+0·3	+0·1	0·0	−0·1	−0·1	−0·1	0·0	0·0	+0·1	+0·2	+0·3	+0·1
Zone 6.													
Nassau, Bahamas, ½ (8+15) (1) ..	+0·1	+0·1	0·0	+0·1	0·0	+0·1	+0·2	+0·2	+0·1	+0·2	+0·1	+0·1	+0·1
Dakhla Oasis, 8 h. (1)	−0·7	−0·3	−0·3	−0·4	−0·5	−0·5	−0·5	−0·4	−0·4	−0·3	−0·7	−0·5	−0·5
Wadi Halfa, 8 h. (1)	−1·2	−1·1	−1·5	−1·5	−1·1	−0·6	−1·3	−1·2	−0·7	−0·4	−1·3	−1·5	−1·1
Suez, 8 h. (1)	−0·8	−0·9	−0·9	−1·0	−1·0	−0·8	−0·9	−0·8	−0·8	−0·9	−0·8	−0·8	−0·9
Aswan, 8 h. (1)	−1·6	−1·6	−1·7	−1·5	−1·7	−1·3	−1·1	−1·1	−1·3	−1·3	−1·6	−1·6	−1·5
Bushire, 8 h. (6)	−0·8	−0·8	−0·9	−0·7	−0·8	−0·6	−0·5	−0·5	−0·7	−0·9	−1·0	−0·9	−0·7
Jask, 8 h. (6)	−1·2	−1·1	−1·1	−1·0	−1·0	−0·8	−0·6	−0·8	−1·0	−1·1	−1·3	−1·2	−1·0
Kurrachee, 8 h. (6)	−1·5	−1·5	−1·4	−1·3	−1·3	−0·9	−0·8	−1·0	−1·2	−1·4	−1·5	−1·5	−1·3
Hyderabad, Sind, 8 h. (6)	−1·3	−1·3	−1·5	−1·4	−1·5	−1·3	−1·1	−1·0	−1·2	−1·4	−1·4	−1·3	−1·3
Jaipur, 8 h. (6)	−1·1	−1·2	−1·5	−1·6	−1·8	−1·6	−1·2	−1·2	−1·4	−1·6	−1·3	−1·3	−1·4
Nagpur, 8 h. (6)	−1·7	−1·9	−2·1	−2·3	−2·2	−1·4	−1·2	−1·2	−1·5	−1·7	−1·8	−1·7	−1·7
Allahabad, 8 h. (6)	−1·5	−1·6	−1·9	−2·0	−1·9	−1·7	−1·2	−1·2	−1·6	−1·7	−1·7	−1·6	−1·6
Calcutta, 8 h. (6)	−1·6	−1·6	−1·7	−1·8	−1·5	−1·1	−0·9	−1·0	−1·2	−1·6	−1·7	−1·7	−1·5
Akyab, 8 h. (6)	−1·5	−1·5	−1·6	−1·7	−1·1	−0·8	−0·8	−0·9	−1·2	−1·4	−1·3	−1·5	−1·3
Phu Lien for Moncay, ½ (10+16) (9)	−0·3	−0·2	−0·2	−0·1	+0·1	+0·2	+0·2	+0·2	+0·1	−0·1	−0·1	−0·1	0·0
Zone 7.													
Mexico for Morelia and Oaxaca, ⅓ (7+14+21) (1)	0·0	0·0	−0·1	−0·1	−0·1	−0·1	−0·1	−0·1	−0·1	0·0	0·0	+0·2	0·0
Haiti for St. Croix, ⅓ (8+14+21) (1)	+0·1	0·0	0·0	−0·1	−0·1	−0·1	−0·1	−0·1	0·0	0·0	0·0	0·0	0·0
Haiti for Barbados, ½ (9+15) (1) ..	0·0	0·0	+0·1	+0·1	+0·2	+0·3	+0·3	+0·3	+0·3	+0·2	+0·1	0·0	+0·2
El Obeid, 8 h. (1)	−2·8	−2·1	−2·3	−1·0	−1·9	−1·8	−1·6	−0·8	−1·6	−2·0	−1·7	−0·9	−1·7
Khartoum, 8 h. (1)	−1·7	−1·6	−1·9	−2·0	−2·1	−2·0	−1·6	−1·6	−1·8	−1·7	−1·8	−1·7	−1·8
Aden, 8 h. (6)	−1·6	−1·7	−1·7	−1·5	−1·6	−2·0	−2·1	−2·2	−1·9	−1·4	−1·7	−1·3	−1·8
Bombay, 8 h. (6)	−2·0	−1·9	−2·0	−2·0	−1·8	−1·1	−1·0	−1·2	−1·6	−2·0	−2·2	−2·1	−1·8
Mysore, 8 h. (6)	−1·7	−1·7	−1·9	−2·1	−1·8	−1·2	−1·0	−1·3	−1·5	−1·7	−1·6	−1·7	−1·6
Madras, 8 h. (6)	−1·5	−1·5	−1·7	−1·7	−1·6	−1·6	−1·5	−1·6	−1·8	−1·7	−1·5	−1·5	−1·6
Waltair, 8 h. (6)	−1·7	−1·6	−1·8	−1·8	−1·7	−1·2	−1·1	−1·2	−1·3	−1·6	−1·6	−1·7	−1·5
Port Blair, 8 h. (6)	−1·3	−1·2	−1·2	−1·3	−1·1	−0·9	−0·8	−0·9	−1·1	−1·2	−1·2	−1·3	−1·1
Rangoon, 8 h. (6)	−1·7	−1·9	−2·1	−2·2	−1·6	−1·0	−1·0	−1·0	−1·3	−1·8	−1·5	−1·8	−1·6
Ormoc, ½ (6+14) (1)	+0·7	+0·6	+0·6	+0·7	+0·6	+0·6	+0·6	+0·7	+0·7	+0·7	+0·7	+0·7	+0·7
Zone 8.													
Sansane Mangu (for Nigerian Stas.), 9 h. (1)	(−2·5)	(−2·7)	(−2·5)	(−2·3)	(−1·9)	−1·9	−1·8	−2·0	−2·0	−1·9	−2·3	−2·4	−2·2
Entebbe, ⅓ (7+14+21) (1)	+0·1	0·0	−0·2	−0·2	−0·2	0·0	+0·1	+0·2	+0·1	−0·2	−0·3	−0·1	−0·1
Cothin, 8 h. (6)	−1·9	−1·8	−1·8	−1·6	−1·2	−0·7	−0·7	−0·9	−1·2	−1·4	−1·6	−1·8	−1·4
Singapore, ⅓ (9+15+21) (2) (and for Penang)	−0·2	−0·2	−0·2	−0·3	−0·2	−0·2	−0·2	−0·2	−0·2	−0·3	−0·2	−0·3	−0·2
Surigao, ½ (6+14) (1)	+0·6	+0·6	+0·6	+0·6	+0·6	+0·6	+0·6	+0·7	+0·7	+0·7	+0·7	+0·7	+0·6

TABLE I.—*Corrections to reduce Means of Pressure at various hours or combinations of hours to True Mean.*—continued.

	Jan.	Feb.	Mar.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Year.
	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.	mb.
Zone 9.													
Malden Island, ½ (9+20) (1)	−1·2	−1·0	−1·2	−1·2	−1·2	−0·8	−0·9	−1·0	−1·0	−1·1	−1·1	−1·0	−1·1
Quixeramobim, ⅓ (7+14+21) (1) ..	0·0	0·0	0·0	0·0	+0·1	+0·1	+0·1	+0·1	+0·1	+0·1	0·0	+0·1	+0·1
Zanzibar, 8 h. (6)	−2·1	−2·1	−1·6	−1·3	−1·1	−1·1	−1·1	−1·1	−1·3	−1·6	−1·5	−1·6	−1·5
Ocean Island, ½ (9+21) (1)	−1·4	−1·2	−1·4	−1·4	−1·4	−1·0	−1·2	−1·2	−1·3	−1·3	−1·3	−1·2	−1·3
Zone 10.													
Apia, Samoa, ⅓ (7+14+21) (10) ..	−0·1	0·0	0·0	0·0	+0·1	+0·1	0·0	0·0	−0·1	−0·1	−0·2	−0·1	0·0
Alofi, Niue Island, 9 h. (10)	−1·2	−1·3	−1·5	−1·4	−1·5	−1·5	−1·4	−1·6	−1·4	−1·4	−1·3	−1·2	−1·4
Tahiti, ⅓ (6+12+18) (10)	−0·5	−0·5	−0·5	−0·5	−0·6	−0·5	−0·6	−0·4	−0·5	−0·5	−0·4	−0·5	−0·5
St. Helena, 9 h. (1)	−1·2	−1·2	−1·3	−1·3	−1·3	−1·1	−1·1	−1·1	−1·0	−1·1	−1·2	−1·2	−1·2
Derby, ½ (9+15) (1)	0·0	0·0	0·0	0·0	0·0	+0·1	+0·1	+0·1	0·0	0·0	0·0	0·0	0·0
Hall's Creek, ½ (9+15) (1)	+0·2	+0·2	+0·2	+0·2	+0·2	+0·3	+0·3	+0·3	+0·3	+0·3	+0·2	+0·2	
Port Darwin, ½ (9+15) (1)	0·0	0·0	0·0	+0·1	+0·2	+0·1	+0·1	+0·1	0·0	0·0	−0·1	−0·1	0·0
Daly Waters, ½ (9+15) (1)	+0·3	+0·3	+0·3	+0·3	+0·3	+0·3	+0·3	+0·3	+0·3	+0·3	+0·3	+0·3	+0·3
Mein, ½ (9+15) (1)	0·0	0·0	+0·1	+0·1	+0·1	+0·1	+0·1	+0·1	0·0	0·0	0·0	0·0	0·0
Georgetown, Queensland, ½ (9+15) (1)	+0·1	+0·1	+0·2	+0·2	+0·2	+0·3	+0·3	+0·3	+0·3	+0·3	+0·2	+0·2	+0·2
Suva, Fiji, 9 h. (10)	−1·2	−1·3	−1·5	−1·4	−1·5	−1·5	−1·4	−1·6	−1·4	−1·4	−1·3	−1·2	−1·4
Zone 11.													
Porto Alegre, ⅓ (7+14+21) (1) ..	−0·2	−0·2	−0·3	+0·1	+0·2	+0·1	+0·1	+0·1	0·0	−0·1	−0·2	−0·2	0·0
Onslow, ½ (9+15) (1)	−0·2	−0·2	−0·1	−0·1	−0·1	0·0	0·0	0·0	−0·1	−0·1	−0·1	−0·2	−0·1
Peak Hill, ½ (9+15) (1)	0·0	0·0	+0·1	+0·1	+0·2	+0·2	+0·3	+0·3	+0·2	+0·2	+0·1	+0·1	+0·1
Nullagine, ½ (9+15) (1)	0·0	0·0	+0·1	+0·1	+0·1	+0·2	+0·2	+0·2	+0·1	+0·1	+0·1	0·0	+0·1
Laverton, ½ (9+15) (1)	+0·2	+0·2	+0·2	+0·2	+0·3	+0·3	+0·4	+0·4	+0·4	+0·4	+0·3	+0·3	+0·3
Alice Springs, ½ (9+15) (1)	+0·6	+0·5	+0·7	+0·7	+0·8	+0·9	+0·9	+1·0	+1·0	+0·9	+0·9	+0·8	+0·8
William Creek, ½ (9+15) (1)	+0·3	+0·3	+0·2	+0·2	+0·3	+0·3	+0·4	+0·4	+0·4	+0·4	+0·4	+0·3	+0·3
Boulia, ½ (9+15) (1)	+0·4	+0·4	+0·5	+0·5	+0·6	+0·6	+0·7	+0·7	+0·7	+0·7	+0·6	+0·5	+0·6
Mitchell, ½ (9+15) (1)	0·0	+0·1	+0·1	+0·2	+0·3	+0·3	+0·4	+0·4	+0·5	+0·5	+0·3	+0·2	+0·3
Rockhampton, ½ (9+15) (1)	−0·2	−0·1	−0·1	0·0	0·0	+0·1	+0·1	+0·1	+0·2	+0·2	+0·1	−0·1	0·0
Brisbane, ½ (9+15) (1)	−0·2	−0·1	−0·1	0·0	0·0	+0·1	+0·1	+0·1	+0·2	+0·2	+0·1	−0·1	0·0
Zone 12.													
Santiago, ⅓ (7+14+21) (1)	−0·3	−0·2	−0·2	0·0	0·0	+0·1	+0·1	0·0	−0·1	−0·1	−0·2	−0·3	−0·1
Cape Town, 8½ h. (1)	−0·5	−0·4	−0·2	−0·3	−0·3	−0·3	−0·2	−0·3	−0·4	−0·6	−0·6	−0·4	−0·4
Cape Leeuwin for Perth, ½ (9+15) (1)	−0·2	−0·3	−0·1	0·0	0·0	+0·1	+0·1	+0·1	0·0	−0·1	−0·2	−0·2	−0·1
Breaksea Island for Katanning, ½ (9+15) (1)	0·0	0·0	0·0	0·0	+0·1	+0·2	+0·1	+0·2	0·0	+0·1	+0·1	0·0	+0·1
Coolgardie, ½ (9+15) (1)	+0·1	+0·1	+0·1	+0·1	+0·2	+0·2	+0·3	+0·3	+0·3	+0·3	+0·2	+0·2	+0·2
Eucla, ½ (9+15) (1)	+0·1	+0·1	+0·1	+0·1	+0·1	+0·2	+0·2	+0·2	+0·3	+0·3	+0·2	+0·2	+0·2
Streaky Bay, ½ (9+15) (1)	+0·1	+0·1	0·0	0·0	0·0	+0·1	+0·1	+0·1	+0·2	+0·2	+0·2	+0·1	+0·1
Adelaide, ½ (9+15) (1)	0·0	0·0	−0·1	−0·1	0·0	0·0	+0·1	+0·1	+0·2	+0·2	+0·1	+0·1	0·0
Bourke, ½ (9+15) (1)	+0·1	+0·2	+0·2	+0·3	+0·4	+0·4	+0·5	+0·5	+0·5	+0·5	+0·4	+0·2	+0·3
Zone 13.													
Hobart, ½ (9+15) and for Launceston, ½ (9+15) (1)	+0·2	+0·2	+0·2	+0·1	0·0	+0·1	+0·2	+0·1	+0·1	+0·2	+0·3	+0·3	+0·2
Zone 14.													
South Georgia, ⅓ (8+14+20) (1) ..	0·0	+0·1	0·0	−0·1	−0·1	+0·2	+0·2	+0·2	+0·2	+0·1	0·0	0·0	+0·1	+0·1

(1) Prepared in M.O.
(2) Buchan, A., *Report on . . . Voyage of H.M.S. "Challenger,"* 1873–76. *Physics and Chemistry*, vol. ii. part v. *Report on Atmospheric Circulation.* London, 1889.
(3) Eredia, F., *Il clima di Roma*, 1911.
(4) Lima, A., *Le climat de Lisbonne*, 1912.
(5) Keeling, F. E., *The Climate of Abbassia, near Cairo*, 1907.
(6) *Indian Meteorological Memoirs*, vol. xvii.
(7) Zi-Ka-Wei, *Bulletin des Observations*, 1910.
(8) Rykatchew, M., *La marche diurne du baromètre en Russie*, 1879.
(9) Le Cadet, G., *Le climat du Delta du Tonkin*, 1911.
(10) Tetens, O., u. Linke, F., *Das Klima von Samoa*, 1910.
(11) Gorczynski, Wl., *Pression atmosphérique en Pologne et en Europe*, 1917.
(12) Hann, J. von, *Die Anomalien der Witterung auf Island*, . . ., 1904.

BIBLIOGRAPHY OF THE METEOROLOGY OF THE GLOBE.

The following list contains, in chronological order, some of the more important works dealing with the normal distribution of pressure, wind, temperature, and rainfall over the globe, or with departures from the normal distribution.

1723. Jurin, James, An invitation for making meteorological observations. London, Phil. Trans. R. Soc., 1723. [Instructions to observers, and a request for meteorological journals to be sent to the Royal Society for publication.]

1817. Humboldt, A. von, De distributione geographica plantarum secundum coeli temperiem et altitudinem montium prolegomena, 8vo, Paris, 1817. [Contains: Carte des lignes isothermes (lat. 20–70° N.).]

1817. Humboldt, A. von, Des lignes isothermes, et de la distribution de la chaleur sur le globe, Paris, Mém. phys. chem. Soc. d'Arcueil, 3, 1817, pp. 462–602.

1849. Dove, H. W., Monatsisothermen. Berlin, 1849.

1852. Dove, H. W., Die Verbreitung der Wärme auf der Oberfläche der Erde erläutert durch Isothermen, thermische Isonamalien und Temperaturcurven. 26 pp., 7 maps, 2 plates, sm. fo, Berlin, 1852. [Contains monthly charts of temperature distribution.]

1857. Dove, H. W., Klimatologische Beiträge, Th. 1, Berlin, 1857, pp. 296. [Contains IV.–VI., Ueber die Vertheilung des Regens auf der Oberfläche der Erde.]

1869. Buchan, A., The mean pressure of the atmosphere and the prevailing winds over the globe for the months and for the year, Edinburgh, Trans. R. Soc., 25, 1869, pp. 575–637. [Contains monthly charts of pressure and wind for the globe.]

1869. Dove, H. W., Klimatologische Beiträge, Th. 2, Berlin, 1869, pp. 314. [Contains Verbreitung der Wärme auf der nördlichen Erdhälfte, pp. 50–132; Abweichungen der Jahre 1856–1868 von vieljährigen Mitteln, pp. 133–211.]

1876. Washington, Smithsonian Institution, The winds of the globe: or the laws of atmospheric circulation over the surface of the globe. By J. H. Coffin, . . . completed by S. J. Coffin. With a discussion . . . by A. Woeikoff. pp. xxv+756, 26 plates, fo, Washington, 1876.

1882. Loomis, E., Contributions to meteorology, 16th paper. Mean annual rainfall for different countries of the globe. New Haven, Conn., Amer. J. Sci., 23, 1882, pp. 1–18. [Contains chart of mean annual rainfall.]

1883. Hann, J. von, Handbuch der Klimatologie, 8vo., Stuttgart, 1883. [Contains normals of temperature and precipitation.]

1884. Supan, Alexander, Grundzüge der physischen Erdkunde, pp. 492, 20 plates, 8vo., Leipzig, 1884. [Contains charts of pressure, wind, temperature, and rainfall distribution.]

1884. Teisserenc de Bort, L., Étude sur la distribution moyenne de la nebulosité à la surface du globe, d'après les premières cartes d'isonèphes. Paris, Ann. Bur. centr. météor., 1884, pt. 4, pp. 27–66, 13 plates.

1887. Hann, J. von, Atlas der Meteorologie. Berghaus' Phys. Atlas, Abt. 3, fo, 1887. [Contains isotherms and isobars for January, July, and Year; and Annual Rainfall.]

1887. Woeikoff, A., Die Klimate der Erde. 2 vols., 8vo, Jena, 1887.

1889. Edinburgh, "Challenger" Office, Report on the scientific results of the voyage of H.M.S. "Challenger" during the years 1873–76 . . . Physics and chemistry, vol. 2, pt. 5: Report on atmospheric circulation, by A. Buchan, la. 4to, London, 1889. [Contains monthly tables and charts of pressure, wind, and temperature based on long-period averages.]

1891. Greeley, A. W., International pressure and storm charts. Washington, D.C., Signal Office, Report . . . 1891, App. 17. [Contains monthly pressure and wind tables and polar charts for N. hemisphere for 10 years, 1878–1887.]

1893. Teisserenc de Bort, L., Report on the present state of our knowledge respecting the general circulation of the atmosphere. Presented to Meteor. Congr. at Chicago, August 1893, 4to.

1897. Hann, J. von, Handbuch der Klimatologie, 2 Aufl., 3 vols., 8vo, Stuttgart, 1897. [Normals of temperature and precipitation.]

1897. Hildebrandsson, H. H., Quelques recherches sur les centres d'action de l'atmosphère, 1–5. Stockholm, K. Svensk. Vetensk.-Akad. Handl., 1897–1914.

1898. Supan, A., Die Vertheilung des Niederschlages auf der festen Erdoberfläche. Petermann's Geog. Mitt., Gotha, Erganz.H. 124, 1898. [Contains annual and seasonal rainfall maps.]

1899. Bartholomew's Physical Atlas; vol. 3, Atlas of meteorology, . . . prepared by J. G. Bartholomew and A. J. Herbertson, and edited by A. Buchan. fo., 1899. [Contains monthly and annual world isobars, isotherms, and isohyets.]

1900. St Petersburg, Observatoire Physique Centrale Nicholas, Atlas climatologique de l'empire de Russie. fo, St Petersburg, 1900.

1901. Herbertson, A. J., The distribution of rainfall over the land. 8vo, London, 1901. [Monthly and annual world isohyets.]

1907. Hildebrandsson, H. H., and Teisserenc de Bort, L., Les bases de la météorologie dynamique. 3 vols., la. 8vo., Paris, 1907.

1908. London, Solar Physics Observatory, Monthly mean values of barometric pressure for 73 selected stations over the earth's surface, . . . compiled . . . under the direction of Sir Norman Lockyer. la. 4to, London, 1908.

1910–1913. Arctowski, Henryk, Studies on climate and crops, Nos. 1–5, New York, N.Y., Bull. Amer. Geog. Soc., 1910–1913.

1911. Hann, J. von, Handbuch der Klimatologie, 3 Aufl. 3 vols., 8vo, Stuttgart, 1908–1911. [Normals of temperature and precipitation.]

1913. Arctowski, H. See 1910.

1913. Exner, F. M., Über monatliche Witterungsanomalien auf der nördlichen Erdhälfte im Winter. Wien, Sitzber. Ak. Wiss., 122, 1913, 2a, pp. 1165–1240.

1914. Hildebrandsson, H. H. See 1897.

TABLES FOR CONVERTING FROM BRITISH TO METRIC UNITS, AND *VICE VERSA*.

Table II.—Pressure. *Equivalents in Millibars of Inches of Mercury at 32° F. and 45° Latitude.*

For brevity, the fundamental equations may be written:—

g_{45} = 980·617 cm/sec².
density of mercury at normal freezing-point of water = 13·5955.
1 mercury-inch = 33·8632 millibars; 1 millimetre = 1·33320 millibars.
1000 millibars = 1 bar = 29·5306 mercury-inches = 750·076 millimetres.
using 1 inch = 2·54000 cm.

Inches and Tenths.	0	1	2	3	4	5	6	7	8	9
	Millibars.									
27·0	914·3	914·6	915·0	915·3	915·7	916·0	916·3	916·7	917·0	917·4
27·1	917·7	918·0	918·4	918·7	919·0	919·4	919·7	920·1	920·4	920·7
27·2	921·1	921·4	921·8	922·1	922·4	922·8	923·1	923·4	923·8	924·1
27·3	924·5	924·8	925·1	925·5	925·8	926·2	926·5	926·8	927·2	927·5
27·4	927·9	928·2	928·5	928·9	929·2	929·5	929·9	930·2	930·6	930·9
27·5	931·2	931·6	931·9	932·3	932·6	932·9	933·3	933·6	933·9	934·3
27·6	934·6	935·0	935·3	935·6	936·0	936·3	936·7	937·0	937·3	937·7
27·7	938·0	938·3	938·7	939·0	939·4	939·7	940·0	940·4	940·7	941·1
27·8	941·4	941·7	942·1	942·4	942·8	943·1	943·4	943·8	944·1	944·4
27·9	944·8	945·1	945·5	945·8	946·1	946·5	946·8	947·2	947·5	947·8
28·0	948·2	948·5	948·8	949·2	949·5	949·9	950·2	950·5	950·9	951·2
28·1	951·6	951·9	952·2	952·6	952·9	953·2	953·6	953·9	954·3	954·6
28·2	954·9	955·3	955·6	956·0	956·3	956·6	957·0	957·3	957·7	958·0
28·3	958·3	958·7	959·0	959·3	959·7	960·0	960·4	960·7	961·0	961·4
28·4	961·7	962·1	962·4	962·7	963·1	963·4	963·7	964·1	964·4	964·8
28·5	965·1	965·4	965·8	966·1	966·5	966·8	967·1	967·5	967·8	968·1
28·6	968·5	968·8	969·2	969·5	969·8	970·2	970·5	970·9	971·2	971·5
28·7	971·9	972·2	972·6	972·9	973·2	973·6	973·9	974·2	974·6	974·9
28·8	975·3	975·6	975·9	976·3	976·6	977·0	977·3	977·6	978·0	978·3
28·9	978·6	979·0	979·3	979·7	980·0	980·3	980·7	981·0	981·4	981·7
29·0	982·0	982·4	982·7	983·0	983·4	983·7	984·1	984·4	984·7	985·1
29·1	985·4	985·8	986·1	986·4	986·8	987·1	987·5	987·8	988·1	988·5
29·2	988·8	989·1	989·5	989·8	990·2	990·5	990·8	991·2	991·5	991·9
29·3	992·2	992·5	992·9	993·2	993·5	993·9	994·2	994·6	994·9	995·2
29·4	995·6	995·9	996·3	996·6	996·9	997·3	997·6	997·9	998·3	998·6
29·5	999·0	999·3	999·6	1000·0	1000·3	1000·7	1001·0	1001·3	1001·7	1002·0
29·6	1002·4	1002·7	1003·0	1003·4	1003·7	1004·0	1004·4	1004·7	1005·1	1005·4
29·7	1005·7	1006·1	1006·4	1006·8	1007·1	1007·4	1007·8	1008·1	1008·4	1008·8
29·8	1009·1	1009·5	1009·8	1010·1	1010·5	1010·8	1011·2	1011·5	1011·8	1012·2
29·9	1012·5	1012·8	1013·2	1013·5	1013·9	1014·2	1014·5	1014·9	1015·2	1015·6
30·0	1015·9	1016·2	1016·6	1016·9	1017·3	1017·6	1017·9	1018·3	1018·6	1018·9
30·1	1019·3	1019·6	1020·0	1020·3	1020·6	1021·0	1021·3	1021·7	1022·0	1022·3
30·2	1022·7	1023·0	1023·3	1023·7	1024·0	1024·4	1024·7	1025·0	1025·4	1025·7
30·3	1026·1	1026·4	1026·7	1027·1	1027·4	1027·7	1028·1	1028·4	1028·8	1029·1
30·4	1029·4	1029·8	1030·1	1030·5	1030·8	1031·1	1031·5	1031·8	1032·2	1032·5
30·5	1032·8	1033·2	1033·5	1033·8	1034·2	1034·5	1034·9	1035·2	1035·5	1035·9
30·6	1036·2	1036·6	1036·9	1037·2	1037·6	1037·9	1038·2	1038·6	1038·9	1039·3
30·7	1039·6	1039·9	1040·3	1040·6	1041·0	1041·3	1041·6	1042·0	1042·3	1042·6
30·8	1043·0	1043·3	1043·7	1044·0	1044·3	1044·7	1045·0	1045·4	1045·7	1046·0
30·9	1046·4	1046·7	1047·1	1047·4	1047·7	1048·1	1048·4	1048·7	1049·1	1049·4

Thousandths of an Inch.									
Inch	·001	·002	·003	·004	·005	·006	·007	·008	·009
Millibars	·0	·1	·1	·1	·2	·2	·2	·3	·3

TABLE III.—PRESSURE. *Equivalents in Millibars of Millimetres of Mercury at 0° C. and 45° Latitude.*

Millimetres.	0	1	2	3	4	5	6	7	8	9
	Millibars.									
700	933·2	934·6	935·9	937·2	938·6	939·9	941·2	942·6	943·9	945·2
710	946·6	947·9	949·2	950·6	951·9	953·2	954·6	955·9	957·2	958·6
720	959·9	961·2	962·6	963·9	965·2	966·6	967·9	969·2	970·6	971·9
730	973·2	974·6	975·9	977·2	978·6	979·9	981·2	982·6	983·9	985·2
740	986·6	987·9	989·2	990·6	991·9	993·2	994·6	995·9	997·2	998·6
750	999·9	1001·2	1002·6	1003·9	1005·2	1006·6	1007·9	1009·2	1010·6	1011·9
760	1013·2	1014·6	1015·9	1017·2	1018·6	1019·9	1021·2	1022·6	1023·9	1025·2
770	1026·6	1027·9	1029·2	1030·6	1031·9	1033·2	1034·6	1035·9	1037·2	1038·6
780	1039·9	1041·2	1042·6	1043·9	1045·2	1046·6	1047·9	1049·2	1050·6	1051·9

Tenths of a Millimetre.									
Millimetre.	0·1	0·2	0·3	0·4	0·5	0·6	0·7	0·8	0·9
Millibars.	0·1	0·3	0·4	0·5	0·7	0·8	0·9	1·1	1·2

TABLE IV.—TEMPERATURE. *Degrees Fahrenheit to Degrees Absolute.*

The equations are $A = 273 + \frac{5}{9}(F - 32)$, $F = 32 + \frac{9}{5}(A - 273)$.

Degrees Fahrenheit.	0	1	2	3	4	5	6	7	8	9
	Degrees Absolute.									
−100	199·7	199·1	198·6	198·0	197·4	196·9	196·3	195·8	195·2	194·7
90	205·2	204·7	204·1	203·6	203·0	202·4	201·9	201·3	200·8	200·2
80	210·8	210·2	209·7	209·1	208·6	208·0	207·4	206·9	206·3	205·8
70	216·3	215·8	215·2	214·7	214·1	213·6	213·0	212·4	211·9	211·3
60	221·9	221·3	220·8	220·2	219·7	219·1	218·6	218·0	217·4	216·9
50	227·4	226·9	226·3	225·8	225·2	224·7	224·1	223·6	223·0	222·4
40	233·0	232·4	231·9	231·3	230·8	230·2	229·7	229·1	228·6	228·0
30	238·6	238·0	237·4	236·9	236·3	235·8	235·2	234·7	234·1	233·6
20	244·1	243·6	243·0	242·4	241·9	241·3	240·8	240·2	239·7	239·1
10	249·7	249·1	248·6	248·0	247·4	246·9	246·3	245·8	245·2	244·7
− 0	255·2	254·7	254·1	253·6	253·0	252·4	251·9	251·3	250·8	250·2
+ 0	255·2	255·8	256·3	256·9	257·4	258·0	258·6	259·1	259·7	260·2
10	260·8	261·3	261·9	262·4	263·0	263·6	264·1	264·7	265·2	265·8
20	266·3	266·9	267·4	268·0	268·6	269·1	269·7	270·2	270·8	271·3
30	271·9	272·4	273·0	273·6	274·1	274·7	275·2	275·8	276·3	276·9
40	277·4	278·0	278·6	279·1	279·7	280·2	280·8	281·3	281·9	282·4
50	283·0	283·6	284·1	284·7	285·2	285·8	286·3	286·9	287·4	288·0
60	288·6	289·1	289·7	290·2	290·8	291·3	291·9	292·4	293·0	293·6
70	294·1	294·7	295·2	295·8	296·3	296·9	297·4	298·0	298·6	299·1
80	299·7	300·2	300·8	301·3	301·9	302·4	303·0	303·6	304·1	304·7
90	305·2	305·8	306·3	306·9	307·4	308·0	308·6	309·1	309·7	310·2
100	310·8	311·3	311·9	312·4	313·0	313·6	314·1	314·7	315·2	315·8
110	316·3	316·9	317·4	318·0	318·6	319·1	319·7	320·2	320·8	321·3
120	321·9	322·4	323·0	323·6	324·1	324·7	325·2	325·8	326·3	326·9
+130	327·4	328·0	328·6	329·1	329·7	330·2	330·8	331·3	331·9	332·4

Tenths of a Degree.									
Degrees Fahrenheit.	0·1	0·2	0·3	0·4	0·5	0·6	0·7	0·8	0·9
Degrees Absolute.	0·1	0·1	0·2	0·2	0·3	0·3	0·4	0·4	0·5

TABLE V.—RAINFALL. *Inches to Millimetres.*

Inches.	0	1	2	3	4	5	6	7	8	9
	Millimetres.									
0·0	0·00	0·25	0·51	0·76	1·02	1·27	1·52	1·78	2·03	2·29
0·1	2·54	2·79	3·05	3·30	3·56	3·81	4·06	4·32	4·57	4·83
0·2	5·08	5·33	5·59	5·84	6·10	6·35	6·60	6·86	7·11	7·37
0·3	7·62	7·87	8·13	8·38	8·64	8·89	9·14	9·40	9·65	9·91
0·4	10·16	10·41	10·67	10·92	11·18	11·43	11·68	11·94	12·19	12·45
0·5	12·70	12·95	13·21	13·46	13·72	13·97	14·22	14·48	14·73	14·99
0·6	15·24	15·49	15·75	16·00	16·26	16·51	16·76	17·02	17·27	17·53
0·7	17·78	18·03	18·29	18·54	18·80	19·05	19·30	19·56	19·81	20·07
0·8	20·32	20·57	20·83	21·08	21·34	21·59	21·84	22·10	22·35	22·61
0·9	22·86	23·11	23·37	23·62	23·88	24·13	24·38	24·64	24·89	25·15
1·0	25·40	25·65	25·91	26·16	26·42	26·67	26·92	27·18	27·43	27·69
1·1	27·94	28·19	28·45	28·70	28·96	29·21	29·46	29·72	29·97	30·23
1·2	30·48	30·73	30·99	31·24	31·50	31·75	32·00	32·26	32·51	32·77
1·3	33·02	33·27	33·53	33·78	34·04	34·29	34·54	34·80	35·05	35·31
1·4	35·56	35·81	36·07	36·32	36·58	36·83	37·08	37·34	37·59	37·85
1·5	38·10	38·35	38·61	38·86	39·12	39·37	39·62	39·88	40·13	40·39
1·6	40·64	40·89	41·15	41·40	41·66	41·91	42·16	42·42	42·67	42·93
1·7	43·18	43·43	43·69	43·94	44·20	44·45	44·70	44·96	45·21	45·47
1·8	45·72	45·97	46·23	46·48	46·74	46·99	47·24	47·50	47·75	48·01
1·9	48·26	48·51	48·77	49·02	49·28	49·53	49·78	50·04	50·29	50·55
2·0	50·80	51·05	51·31	51·56	51·82	52·07	52·32	52·58	52·83	53·09

CORRECTIONS AND ADDITIONS 1910–1913.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure: Mean at Level of Station.	Pressure: Mean at M.S.L.	Pressure: Diff. from Normal.	Temperature: Mean Max.	Temperature: Absolute Max.	Temperature: Date.	Temperature: Mean Min.	Temperature: Absolute Min.	Temperature: Date.	Temperature: *Mean.	Temperature: Diff. from Normal.	Temperature: †24 hr. Mean.	Precipitation: Total.	Precipitation: Diff. from Normal.
	1910.	° ′	° ′	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.
	JANUARY.																	
209	Dawson	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	33	+ 10
212	Fort Simpson	..	121 35	..	995·1	1012·9	..	..	..	..	245·6	236·9	22nd	248·9	..	..	13	− 5
213	Hay River	..	..	..	990·5	1012·3	..	256·6	274·1	30th	245·4	232·4	21st	251·0	+5·1	..	3	..
242	Helsingfors	..	..	..	..	..	..	272·0	276·6	10th	267·8	253·8	24th	269·9	+3·8	270·1	..	..
2420	Kuopio	..	..	..	..	..	..	268·6	275·8	10th	261·7	245·9	6th	265·1	+2·4	*265·4*	..	..
243	Kola	..	..	..	..	1004·0	− 3·5	..	..	..	..	..	..	..	−3·1	*258·1*	..	..
352	Omsk	..	..	..	..	1028·8	+ 1·3	..	..	..	..	..	..	..	+4·0	*257·3*	..	..
353	Barnaoul	..	..	..	..	1034·5	+ 2·2	..	..	..	..	..	..	..	+4·3	*257·9*	..	..
354	Tomsk	..	..	..	..	1031·5	+ 2·1	..	..	..	..	..	..	..	+4·5	*257·8*	..	..
357	Irkutsk	..	..	..	..	1039·4	+ 4·2	..	..	..	..	..	..	..	−2·5	*250·4*	..	..
359	Tchita	..	..	..	..	1042·8	..	..	..	..	..	..	..	242·6	..	..	..	..
3600	Nertchinsk	..	..	..	..	1039·2	+ 8·1	..	..	..	..	..	..	..	−2·6	*236·9*	..	..
365	Nicolaevsk	..	..	..	..	..	..	..	..	..	..	..	..	..	−0·2	*249·6*	..	..
449	Tackkent	..	..	..	..	1024·3	− 2·8	..	..	..	..	..	..	..	+3·9	*275·6*	..	..
463	Vladivostok	..	..	..	..	1023·2	− 1·1	..	..	..	..	..	..	..	−1·4	*257·8*	..	..
546	Lenkoran	..	..	..	..	1017·6	− 5·4	..	295	..	..	269	..	278·3	+1·9	..	123	+ 1
923	Manaos	..	..	..	..	1007·5	− 0·3	..	..	..	..	..	..	..	..	..		
1021	Puerto de Arico	..	..	..	1015·7	1016·3	+ 4·1	295·7	298·0	26th	289·5	288·0	6th	292·6	−1·5	*293·2*	..	..
1121	Punta Tortuga, Coquimbo	..	..	..	1010·7	1013·9	− 0·6	292·6	294·2	11th	286·7	285·8	10th	289·7	−0·8	*288·7*	0	0
1122	Puerto de Antofagasta	..	..	..	1011·8	1012·2	− 1·3	299·3	300·3	28th	287·2	286·0	sev.	293·3	−1·6	*292·0*	0	0
1220	Juan Fernandez	..	..	..	1016·2	1017·4	− 2·0	294·1	298·0	29th	..	..	..	291·3	..	..	20	+ 4
1221	Punta Angeles, Valparaiso	..	..	..	1009·7	1014·5	+ 0·3	295·5	299·4	13th	285·5	284·0	19th	290·5	−2·9	*288·7*	0	0
1322	Punta Galera	..	..	..	1012·6	1017·4	+ 1·6	289·2	293·2	5th	283·2	281·2	25th	286·2	−0·9	*285·0*	98	+ 45
1421	Islota de los Evangelistas	..	..	..	987·5	994·2	− 7·5	281·4	285·0	22nd	278·4	276·4	27th	279·9	−1·8	*280·6*	330	+ 6
1422	Puerto de Punta Arenas	..	..	..	991·1	991·6	− 5·1	285·4	291·5	4th	278·7	276·0	17th	282·1	−1·7	*282·5*	109	+ 72
1423	Punta Dungeness	..	..	..	992·5	993·1	− 7·5	..	..	..	279·8	276·8	27th	283·7	..	..	15	− 20
	FEBRUARY.																	
209	Dawson	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	6	− 13
212	Fort Simpson	..	121 35	..	1008·4	1026·6	..	..	..	..	241·9	230·2	24th	246·9	..	..	10	− 3
213	Hay River	..	..	..	1003·2	1025·8	..	252·3	269·7	6th	239·9	226·9	23rd	246·1	−3·1	..	4	..
1021	Puerto de Arica	..	..	..	1016·2	1016·8	+ 4·5	295·5	297·4	18th	289·5	288·0	28th	292·5	−2·0	*292·6*	..	..
1121	Punta Tortuga, Coquimbo	..	..	..	1011·3	1014·5	+ 0·3	293·0	294·8	27th	287·3	286·0	27th	290·1	−0·7	*289·3*	0	0
1122	Puerto de Antofagasta	..	..	..	1012·8	1013·2	− 0·1	298·9	299·8	6th	287·6	287·2	sev.	293·3	−2·0	*292·0*	0	0
1220	Juan Fernandez	..	..	..	1015·2	1016·4	− 3·2	293·7	296·0	sev.	..	..	..	291·3	..	..	27	− 3
1221	Punta Angeles, Valparaiso	..	..	..	1009·9	1014·8	+ 0·4	294·2	297·4	28th	285·9	284·4	23rd	290·1	−3·0	*288·5*	0	0
1322	Punta Galera	..	..	..	1011·3	1016·1	+ 0·3	289·3	293·0	3rd	284·0	280·8	28th	286·7	+0·1	*285·8*	68	− 13
1421	Islota de los Evangelistas	..	..	..	996·1	1002·8	+ 1·7	282·7	287·2	18th	279·4	277·2	26th	281·1	−0·7	*282·2*	180	− 77
1422	Puerto de Punta Arenas	..	..	..	999·3	999·8	+ 4·2	287·0	291·5	1st	279·2	276·5	sev.	283·1	−0·6	*283·2*	5	− 23
1423	Punta Dungeness	..	..	..	1000·5	1001·1	+ 1·7	..	..	..	280·6	278·0	27th	284·5	..	..	4	− 17
		° ′	° ′	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.

* Mean of max. and min. or of observations at fixed hours.

† Computed means for the 24 hours are in *italics*.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure: Mean at Level of Station.	Pressure: Mean at R.S.L.	Pressure: Diff. from Normal.	Temperature: Mean Max.	Temperature: Absolute Diff.	Temperature: Date.	Temperature: Mean Min.	Temperature: Absolute Min.	Temperature: Date.	Temperature: *Mean.	Temperature: Diff. from Normal.	Temperature: †24 hr Mean.	Precipitation: Total.	Precipitation: Diff. from Normal.
	March.	° ′	° ′	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.
209	Dawson	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	17	+ 6
212	Fort Simpson	..	121 35	..	1000·1	1017·3	..	..	..	..	252·7	232·4	4th	259·2	..	..	9	— 6
213	Hay River	..	..	..	994·4	1015·8	..	263·3	283·6	14th	250·9	230·2	4th	257·1	+1·0	..	13	..
1021	Puerto de Arica	..	..	..	1016·5	1017·1	+ 5·2	295·1	296·3	29th	288·4	287·0	sev.	291·7	−2·4	*291·3*	..	..
1121	Punta Tortuga, Coquimbo	..	..	..	1012·5	1015·7	+ 1·1	292·0	294·2	31st	286·1	284·0	24th	289·1	−0·7	*288·6*	0	— 2
1122	Puerto de Antofagasta	..	..	..	1013·4	1013·9	+ 0·5	297·6	299·0	9th	286·7	286·3	30th	292·1	−2·2	*291·1*	0	— 1
1220	Juan Fernandez	..	..	..	1014·2	1015·4	− 4·1	293·3	297·0	sev.	..	..	..	290·6	..	..	61	+ 17
1221	Punta Angeles, Valparaiso	..	..	..	1011·2	1016·1	+ 1·2	292·7	298·2	15th	284·9	282·8	30th	288·8	−2·8	*287·6*	3	— 61
1322	Punta Galera	..	..	..	1012·9	1017·8	+ 2·1	286·9	289·2	14th	282·2	279·8	29th	284·5	−1·5	*284·0*	32	— 61
1421	Islota de los Evangelistas	..	..	..	1003·4	1010·2	+ 9·1	282·7	285·0	sev.	279·0	276·0	23rd	280·9	−0·5	*281·6*	228	— 74
1422	Puerto de Punta Arenas	..	..	..	1007·0	1007·5	+11·6	285·7	291·0	4th	279·2	275·0	29th	282·5	+0·5	*282·4*	136	+ 95
1423	Punta Dungeness	..	..	..	1009·1	1009·7	+ 9·9	..	..	..	280·3	274·3	30th	283·5	..	..	6	— 17
	April.																	
209	Dawson	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	43	+ 32
212	Fort Simpson	..	121 35	..	1000·1	1016·5	..	..	..	..	264·7	249·7	2nd	271·9	..	..	27	+ 2
213	Hay River	..	..	..	996·7	1017·3	..	274·0	287·4	28th	262·8	250·2	8th	268·4	−1·3	..	10	..
1021	Puerto de Arica	..	..	..	1016·9	1017·5	+ 4·8	293·9	297·3	29th	288·0	284·4	30th	290·9	−1·4	*289·9*	..	..
1121	Punta Tortuga, Coquimbo	..	..	..	1012·9	1016·1	+ 0·6	289·8	292·4	4th	283·9	283·0	sev.	286·9	−0·9	*286·5*	0	— 1
1122	Puerto de Antofagasta	..	..	..	1013·0	1013·5	− 0·3	297·5	298·6	6th	286·1	285·0	29th	291·8	−0·6	*290·9*	0	— 1
1220	Juan Fernandez	..	..	..	1014·6	1015·8	− 3·2	291·7	294·2	29th	..	..	..	289·4	..	..	108	+ 51
1221	Punta Angeles, Valparaiso	..	..	..	1011·6	1016·5	+ 0·7	292·0	297·4	24th	282·5	280·6	sev.	287·3	−2·2	*286·4*	35	— 18
1321	Punta Corona	..	..	..	..	..	..	286·4	291·2	1st	280·3	277·0	sev.	283·3	−1·1	*282·9*	141	— 61
1322	Punta Galera	..	..	..	1013·5	1018·4	+ 3·0	285·8	288·0	13th	281·0	277·8	23rd	283·4	−1·5	*283·5*	143	— 74
1421	Islota de los Evangelistas	..	..	..	1000·3	1007·1	+ 5·8	280·6	283·0	14th	276·3	272·4	20th	278·5	−2·0	*278·4*	230	— 95
1422	Puerto de Punta Arenas	..	..	..	1003·9	1004·4	+ 5·8	282·7	287·0	sev.	275·5	272·0	sev.	279·1	−0·8	*279·0*	44	— 17
1423	Punta Dungeness	..	..	..	1004·7	1005·3	+ 3·9	..	..	..	277·2	274·2	28th	280·1	..	..	8	— 6
	May.																	
209	Dawson	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	5	— 6
212	Fort Simpson	..	121 35	..	1001·6	1017·5	..	..	..	..	272·8	266·9	1st	280·1	..	..	11	— 6
213	Hay River	..	..	..	998·1	1018·2	..	281·4	296·3	6th	270·4	259·7	1st	275·9	−2·2	..	1	..
1021	Puerto de Arica	..	..	..	1018·2	1018·8	+ 5·4	293·8	298·2	1st	286·5	283·2	21st	290·1	−0·9	*288·3*	..	..
1121	Punta Tortuga, Coquimbo	..	..	..	1014·3	1017·6	+ 1·0	289·4	292·0	22nd	283·0	279·4	27th	286·2	−0·3	*285·8*	0	— 1
1122	Puerto de Antofagasta	..	..	..	1015·0	1015·5	+ 1·1	297·3	298·0	12th	284·7	284·3	31st	291·0	−0·4	*289·8*	0	— 1
1220	Juan Fernandez	..	..	..	1014·5	1015·7	− 3·1	291·3	293·6	sev.	..	..	..	289·0	..	..	59	— 17
1221	Punta Angeles, Valparaiso	..	..	..	1013·3	1018·2	+ 1·5	289·3	295·8	3rd	281·9	277·8	30th	285·6	−2·3	*284·8*	14	— 61
1321	Punta Corona	..	..	..	..	..	..	285·4	288·0	13th	279·5	276·4	3rd	282·5	−0·3	*282·5*	238	— 61
1322	Punta Galera	..	..	..	1013·8	1018·7	+ 4·6	285·7	288·8	11th	281·6	277·2	26th	283·7	−0·3	*283·9*	155	— 74
1421	Islota de los Evangelistas	..	..	..	993·9	1000·6	− 0·4	280·9	283·4	12th	276·6	272·8	28th	278·7	−0·3	*278·0*	288	+ 95
1422	Puerto de Punta Arenas	..	..	..	999·0	999·5	− 0·1	280·0	282·0	sev.	275·0	272·0	28th	277·5	+0·2	*277·4*	239	+ 17
1423	Punta Dungeness	..	..	..	999·8	1000·4	− 1·2	..	..	..	275·4	269·8	29th	278·6	..	..	2	— 6
	June.																	
209	Dawson	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	37	+ 26
212	Fort Simpson	..	121 35	..	992·5	1007·6	..	..	..	..	280·0	275·2	7th, 8th	293·0	..	..	62	+ 19
213	Hay River	..	..	..	989·0	1008·3	..	290·3	301·3	12th	279·0	271·3	2nd	284·7	+1·0	..	96	..
1021	Puerto de Arica	..	..	..	1017·8	1018·4	+ 4·4	294·1	296·2	sev.	285·0	282·2	14th	289·5	−1·1	*287·9*	..	..
1121	Punta Tortuga, Coquimbo	..	..	..	1013·8	1017·1	− 0·4	288·5	291·4	23rd	281·1	279·0	sev.	284·8	−0·7	*284·3*	3	— 1
1122	Puerto de Antofagasta	..	..	..	1015·3	1015·8	+ 1·0	296·6	297·6	4th	282·4	281·0	sev.	289·5	−0·3	*288·2*	0	— 1
1220	Juan Fernandez	..	..	..	1010·9	1012·1	− 5·4	289·5	292·0	7th	..	..	..	287·3	..	..	133	— 17
1221	Punta Angeles, Valparaiso	..	..	..	1012·9	1017·9	+ 0·1	288·0	293·0	28th	280·8	276·4	2nd	284·4	−2·2	*283·6*	135	— 61
1321	Punta Corona	..	..	..	..	..	..	283·9	287·0	30th	277·0	275·0	sev.	280·5	−1·0	*280·6*	281	— 74
1322	Punta Galera	..	..	..	1008·2	1013·1	− 0·9	284·4	286·4	28th	279·8	276·6	sev.	282·1	−0·7	*282·0*	394	— 74
1421	Islota de los Evangelistas	..	..	..	989·3	996·1	− 6·4	278·4	281·0	2nd	273·8	271·0	sev.	276·1	−2·1	*275·1*	221	— 95
1422	Puerto de Punta Arenas	..	..	..	992·3	992·8	− 7·2	277·4	281·0	sev.	272·9	268·0	26th	275·1	−0·5	*274·8*	37	— 17
1423	Punta Dungeness	..	..	..	995·3	995·9	− 6·3	..	..	..	272·1	268·4	14th	275·6	..	..	3	— 6
	July.																	
209	Dawson	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	21	+ 10
212	Fort Simpson	..	121 35	..	993·5	1008·7	..	..	..	..	283·2	279·1	20th	290·1	..	..	87	+ 44
213	Hay River	..	..	..	990·3	1009·4	..	292·6	300·2	23rd	283·6	276·9	3rd	288·1	−1·3	..	56	— 1
1021	Puerto de Arica	..	..	..	1018·1	1018·7	+ 4·7	292·5	295·2	9th	284·7	281·0	20th	288·6	−1·4	*287·7*	..	..
1121	Punta Tortuga, Coquimbo	..	..	..	1014·3	1017·6	+ 0·2	289·4	291·8	2nd	..	..	..	285·3	..	..	15	— 1
1122	Puerto de Antofagasta	..	..	..	1016·0	1016·5	+ 1·4	296·4	297·1	28th	282·3	281·3	13th	289·3	−0·3	*288·3*	0	— 1
1221	Punta Angeles, Valparaiso	..	..	..	1014·1	1019·1	+ 1·2	288·1	293·8	16th	281·5	276·4	29th	284·8	−1·3	*283·9*	142	— 61
1321	Punta Corona	..	..	..	..	..	..	283·3	286·0	sev.	277·7	276·0	sev.	280·5	−0·5	*280·6*	79	— 74
1322	Punta Galera	..	..	..	1011·3	1016·2	+ 2·0	283·6	286·8	1st	278·6	275·6	30th	281·1	−0·8	*280·9*	364	— 74
1421	Islota de los Evangelistas	..	..	..	999·0	1005·8	+ 4·6	278·5	280·4	sev.	274·2	269·8	1st	276·3	−0·9	*275·3*	227	— 95
1422	Puerto de Punta Arenas	..	..	..	1004·3	1004·8	+ 4·4	277·4	280·0	sev.	272·9	268·0	sev.	275·1	+0·5	*274·5*	42	— 17
1423	Punta Dungeness	..	..	..	1004·9	1005·5	+ 3·3	..	..	..	273·7	270·0	19th	275·6	..	..	3	— 6
	August.																	
209	Dawson	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	42	— 27
841	Kafia Kingi	..	..	..	..	1011·6	..	..	..	..	..	..	..	..	..	..	..	..
1021	Puerto de Arica	..	..	..	..	..	+ 4·7	..	..	..	..	..	..	..	..	..	..	..
	September.																	
841	Kafia Kingi	..	..	..	..	1011·8	..	..	..	..	..	..	..	..	..	..	..	..
1021	Puerto de Arica	..	..	..	..	..	+ 4·6	..	..	..	..	..	..	..	..	..	..	..
		° ′	° ′	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.

* Mean of max. and min. or of observations at fixed hours.

† Computed means for the 24 hours are in *italics*.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure: Mean at Level of Station.	Pressure: Mean at M.S.L.	Pressure: Diff. from Normal.	Temperature: Mean Max.	Temperature: Absolute Max.	Temperature: Date.	Temperature: Mean Min.	Temperature: Absolute Min.	Temperature: Date.	Temperature: *Mean.	Temperature: Diff. from Normal.	Temperature: †24 hr. Mean.	Precipitation: Total.	Precipitation: Diff. from Normal.
		° ′	° ′	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.
	October.																	
1021	Puerto de Arica	..	..	..	..	..	+ 4·8	..	..	..	..	..	..	..	..	..	..	..
	November.																	
1021	Puerto de Arica	..	..	..	..	..	+ 4·2	..	..	..	..	..	..	..	..	..	..	..
	December.																	
1021	Puerto de Arica	..	..	..	..	..	+ 4·9	..	..	..	..	..	..	..	..	..	..	..
	Year.																	
1021	Puerto de Arica	..	..	..	..	..	+ 4·7	..	..	..	..	..	..	..	..	..	..	..
	1911.																	
	January.																	
438*a*	Zurich	..	..	..	..	..	..	..	..	..	272·7	..	..	266·8	..	..	269·7	..
619	Havana	..	..	..	..	..	..	..	..	..	297·8	301·9	2nd	291·7	..	..	294·7	+0·6
929	Quixeramobim	..	..	..	**S.** 5 16	**W.** 39 15	207·0	987·9	1011·4	..	..	305·8	..	295·5	..	..	300·3	−1·2
965	Daru	..	..	..	..	..	..	..	..	− 1·0	..	..	..	..	..	..	..	..
1002	Apia, Samoa	..	..	..	13 48	171 46	5	..	1008·4	+ 0·5	..	303·5	..	..	294·6	..	..	0·0
1027	Bello Horizonte	..	..	..	19 55	43 56	857·0	915·3	1010·3	..	300·0	304·5	..	291·2	288·0	..	295·6	..
1028	Caetite	..	..	..	14 2	42 37	900	914·2	1014·2	..	..	303·7	..	..	289·3	..	295·0	..
1029	Ondina	..	..	..	13 12	38 30	46·6	1006·9	1012·4	..	..	305·6	..	..	294·2	..	297·9	..
1030	Aracaju	..	..	..	10 55	37 4	4·3	1012·2	1012·7	..	..	303·6	..	..	295·9	..	299·7	..
1044	Zomba	..	..	..	..	..	954	..	1008·1	− 1·7	..	..	..	..	..	..	..	..
1067	Samarai	..	..	..	..	..	..	..	..	0·0	..	..	..	..	..	..	..	..
	February.																	
438*a*	Zurich	..	..	..	..	..	..	..	..	..	278·8	..	..	270·6	..	..	274·7	..
619	Havana	..	..	..	..	..	..	..	..	..	298·4	302·2	20th	290·6	285·2	26th	294·5	−0·2
929	Quixeramobim	..	..	..	5 16	39 15	207·0	988·3	1011·8	..	..	307·5	..	..	293·8	..	300·4	−0·2
966	Port Moresby	..	..	..	..	..	..	..	..	− 1·2	..	..	..	..	..	..	..	..
1002	Apia, Samoa	..	..	..	13 48	171 46	5	..	1007·6	− 0·6	..	303·5	..	..	294·9	..	..	+0·3
1027	Bello Horizonte	..	..	..	19 55	43 56	857·0	916·6	1011·3	..	302·3	306·0	..	291·4	287·0	..	296·9	..
1028	Caetite	..	..	..	14 2	42 37	900	914·9	1014·7	..	..	306·0	..	..	288·2	..	295·3	..
1029	Ondina	..	..	..	13 12	38 30	46·6	1007·5	1012·9	..	..	305·7	..	..	294·4	..	297·5	..
1030	Aracaju	..	..	..	10 55	37 4	4·3	1012·6	1013·1	..	..	304·1	..	..	295·0	..	300·1	..
1044	Zomba	..	..	..	..	..	954	..	1010·6	+ 0·9	..	..	..	..	..	..	..	..
	March.																	
438*a*	Zurich	..	..	..	..	..	..	..	..	..	283·8	..	..	273·6	..	..	278·7	..
619	Havana	..	..	..	..	..	..	..	..	..	299·6	303·4	29th	291·7	..	..	295·7	+0·2
655*a*	Cherrapunji	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
929	Quixeramobim	..	..	..	5 16	39 15	207·0	988·7	1012·3	..	..	303·9	..	..	293·6	11th	298·7	−1·4
1002	Apia, Samoa	..	..	..	13 48	171 46	5	..	1009·9	+ 0·9	..	304·0	..	..	295·4	..	..	+0·1
1027	Bello Horizonte	..	..	..	19 55	43 56	857·0	916·9	1011·7	..	299·9	303·0	..	..	289·0	..	?295·8	..
1028	Caetite	..	..	..	14 2	42 37	900	914·7	1014·6	..	..	302·1	..	..	287·9	..	295·1	..
1029	Ondina	..	..	..	13 12	38 30	46·6	1007·3	1012·7	..	..	304·2	..	..	293·5	..	296·8	..
1030	Aracaju	..	..	..	10 55	37 4	4·3	1012·8	1013·3	..	..	304·2	6th	..	294·9	..	299·6	..
1044	Zomba	..	..	..	..	..	954	..	1011·5	− 0·2	..	..	..	..	..	..	..	..
	April.																	
326	Point Riche	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
438*a*	Zurich	..	..	..	..	..	..	..	..	..	286·8	..	..	276·0	..	..	281·4	..
619	Havana	..	..	..	..	..	..	..	..	..	301·5	304·0	5th, 23rd	294·0	291·5	1st	297·7	+0·6
929	Quixeramobim	..	..	..	5 16	39 15	207·0	988·6	1012·1	..	..	305·3	..	..	293·8	..	299·7	−0·2
1002	Apia, Samoa	..	..	..	13 48	171 46	5	..	1009·2	− 0·6	..	304·6	..	..	294·9	..	..	+0·5
1027	Bello Horizonte	..	..	..	19 55	43 56	857·0	918·8	1014·2	..	300·1	302·6	..	289·7	284·2	..	294·9	..
1028	Caetite	..	..	..	14 2	42 37	900	916·5	1016·6	..	..	303·0	..	..	287·8	..	295·1	..
1029	Ondina	..	..	..	13 12	38 30	46·6	1008·7	1014·1	..	..	305·3	..	..	293·3	..	297·2	..
1030	Aracaju	..	..	..	10 55	37 4	4·3	1013·8	1014·3	..	..	303·8	..	..	296·1	..	299·1	..
1044	Zomba	..	..	..	..	..	954	..	1015·9	+ 1·9	..	..	..	..	..	..	..	..
	May.																	
317	Minnedosa	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
438*a*	Zurich	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
619	Havana	..	..	..	..	..	..	..	..	..	292·7	..	..	281·2	..	..	286·9	..
929	Quixeramobim	..	..	..	5 16	39 15	207·0	988·6	1012·1	..	..	303·8	4th, 22nd	294·2	292·0	16th	297·9	−0·5
957	Batavia	..	..	..	..	..	..	..	..	..	..	305·2	..	..	294·6	..	300·0	+0·4
1002	Apia, Samoa	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	299·9	..
1027	Bello Horizonte	..	..	..	13 48	171 46	5	..	1010·6	− 0·4	..	303·2	..	..	292·4	..	..	+0·4
1028	Caetite	..	..	..	19 55	43 56	857·0	919·8	1014·9	..	297·7	300·8	..	287·2	282·5	..	292·5	..
1029	Ondina	..	..	..	14 2	42 37	900	916·6	1017·2	..	..	301·8	..	..	287·1	..	293·8	..
1030	Aracaju	..	..	..	13 12	38 30	46·6	1009·5	1014·9	..	..	303·0	..	..	293·2	..	296·1	..
1042	Gwelo	..	..	..	10 55	37 4	4·3	1014·4	1014·9	..	..	302·9	..	..	294·4	..	299·0	..
1044	Zomba	..	..	..	..	..	..	861·7	..	+ 0·6	..	..	..	..	..	..	..	..
		° ′	° ′	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.

* Mean of max. and min. or of observations at fixed hours.

† Computed means for the 24 hours are in *italics*.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure: Mean at Level of Station.	Pressure: Mean at M.S.L.	Pressure: Diff. from Normal.	Temperature: Mean Max.	Temperature: Absolute Max.	Temperature: Date.	Temperature: Mean Min.	Temperature: Absolute Min.	Temperature: Date.	Temperature: *Mean.	Temperature: Diff. from Normal.	Temperature: †24 hr. Mean.	Precipitation: Total.	Precipitation: Diff. from Normal.
	1911—*continued.*																	
	JUNE.																	
438*a*	Zurich	..	..	..	..	..	..	295·6	..	..	283·6	..	..	289·6	..	..	..	..
619	Havana	..	..	..	..	..	..	304·0	306·0	17th	295·9	294·0	1st	299·9	−0·3	..	..	..
		S.	W.															
929	Quixeramobim	5 16	39 15	207·0	991·5	1015·0	..	..	305·1	..	..	294·2	..	300·9	+1·5	*300·9*	0	− 43
1002	Apia, Samoa	13 48	171 46	5	..	1011·5	0·0	..	303·0	..	..	292·6	..	..	+0·6	*298·7*	55	− 92
1027	Bello Horizonte	19 55	43 56	857·0	922·5	1020·0	..	296·6	299·7	..	282·9	278·5	..	289·7	..	..	7	..
1028	Caetite	14 2	42 37	900	919·1	1020·2	..	..	302·6	..	..	285·0	..	292·5	..	..	1	..
1029	Ondina	13 12	38 30	46·6	1010·3	1015·8	..	..	301·2	..	..	293·2	..	295·4	..	..	332	..
1030	Aracaju	10 55	37 4	4·3	1017·4	1017·9	..	..	302·6	..	..	294·2	..	298·2	..	..	64	..
1044	Zomba	..	..	954	..	1021·4	+ 2·0	..	..	..	..	..	..	..	..	..	..	..
	JULY.																	
438*a*	Zurich	..	..	..	..	..	..	302·0	..	..	287·2	..	..	294·6	..	..	..	..
619	Havana	..	..	..	..	..	..	304·5	306·4	24th	296·5	..	..	300·5	+0·1	*299·7*	..	..
754	Waltair	..	..	..	..	..	+ 0·5	..	..	..	..	..	..	..	..	..	..	..
858	Singapore	..	..	..	..	..	+ 1·3	..	..	..	..	..	..	..	..	..	..	..
929	Quixeramobim	5 16	39 15	207·0	991·8	1015·4	..	..	305·4	..	..	294·8	..	300·0	+0·6	*300·0*	24	+ 7
1002	Apia, Samoa	13 48	171 46	5	..	1011·4	− 0·4	..	303·2	..	..	291·5	..	..	+0·4	*298·2*	82	+ 12
1027	Bello Horizonte	19 55	43 56	857·0	922·5	1020·1	..	296·3	300·5	..	283·9	276·5	..	290·1	..	..	6	..
1028	Caetite	14 2	42 37	900	919·3	1020·4	..	..	302·8	..	..	283·5	22nd	292·9	..	..	2	..
1029	Ondina	13 12	38 30	46·6	1013·3	1018·8	..	..	301·7	..	..	292·7	28th	295·1	..	..	179	..
1030	Aracaju	10 55	37 4	4·3	1018·2	1018·7	..	..	303·1	..	..	292·5	..	297·6	..	..	54	..
1044	Zomba	..	..	954	..	1022·2	+ 2·3	..	..	..	..	..	..	..	..	..	..	..
	AUGUST.	N.	E.															
139	Advent Bay, Spitsbergen	78 14	15 34	52	1008·4	1014·9	+ 0·5	280·2	284·4	..	276·2	273·3	..	278·2	..	278·3	..	..
438*a*	Zurich	..	..	..	..	..	..	302·6	..	..	287·6	..	..	295·1	..	..	..	..
619	Havana	..	..	..	..	..	..	305·0	306·9	11th	296·8	295·0	1st, 2nd	300·9	+0·3	*300·1*	..	..
		S.	W.															
929	Quixeramobim	5 16	39 15	207·0	989·9	1013·5	..	..	305·7	..	..	294·5	..	300·5	+0·4	*300·4*	0	− 11
1002	Apia, Samoa	13 48	171 46	5	..	1010·8	− 1·2	..	303·3	..	..	293·2	..	..	+1·0	*299·1*	44	− 54
1027	Bello Horizonte	19 55	43 56	857·0	920·6	1018·0	..	297·4	302·8	..	285·2	279·5	..	291·3	..	..	43	..
1028	Caetite	14 2	42 37	900	917·3	1018·0	..	..	304·2	..	..	284·8	..	294·0	..	..	1	..
1029	Ondina	13 12	38 30	46·6	1011·9	1017·4	..	..	301·3	..	..	293·0	..	295·3	..	..	74	..
1030	Aracaju	10 55	37 4	4·3	1016·6	1017·1	..	..	302·1	..	..	292·0	11th	298·1	..	..	39	..
1044	Zomba	..	..	954	..	1018·4	+ 0·3	..	..	..	..	..	..	..	..	..	..	..
	SEPTEMBER.	N.	E.															
139	Advent Bay, Spitsbergen	78 14	15 34	52	999·9	1006·4	− 4·4	276·9	286·0	..	273·1	266·9	..	275·0	..	274·9	26	..
326	Point Riche	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	− 25
438*a*	Zurich	..	..	..	..	..	..	296·4	..	..	284·0	..	..	290·2	..	..	..	..
619	Havana	..	..	..	..	..	..	304·6	305·9	7th	296·9	..	..	300·7	+0·9	*300·0*	..	..
		S.	W.															
929	Quixeramobim	5 16	39 15	207·0	989·7	1013·2	..	..	308·0	..	..	296·3	..	301·1	+0·2	*301·0*	0	− 1
965	Daru	..	..	..	..	..	+ 1·7	..	..	..	..	..	..	..	..	..	..	..
1002	Apia, Samoa	13 48	171 46	5	..	1011·1	− 0·8	..	302·6	..	..	293·4	..	..	+0·4	*298·7*	58	− 88
1027	Bello Horizonte	19 55	43 56	857·0	917·7	1013·4	..	299·9	304·0	..	288·3	282·2	..	294·1	..	..	88	..
1028	Caetite	14 2	42 37	900	915·4	1015·1	..	..	306·7	..	..	285·5	..	296·0	..	..	103	..
1029	Ondina	13 12	38 30	46·6	1009·6	1015·0	..	..	303·4	..	..	295·2	..	296·0	..	..	85	..
1030	Aracaju	10 55	37 4	4·3	1014·6	1015·1	..	..	302·8	..	..	293·9	..	298·8	..	..	15	..
1044	Zomba	..	..	954	..	1016·8	+ 0·9	..	..	..	..	..	..	..	..	..	..	..
	OCTOBER.	N.	E.															
139	Advent Bay, Spitsbergen	78 14	15 34	52	1001·2	1017·9	+ 6·9	266·6	276·4	..	261·8	254·4	..	264·2	..	264·3	12	..
438*a*	Zurich	..	..	..	..	..	..	287·1	..	..	278·8	..	..	282·9	..	..	..	..
619	Havana	..	..	..	..	..	..	304·1	307·2	17th	296·1	295·0	2nd	300·1	+1·5	*299·4*	..	..
		S.	W.															
929	Quixeramobim	5 16	39 15	207·0	989·5	1013·0	..	..	307·5	..	..	295·7	..	301·3	0·0	*301·2*	0	− 1
1002	Apia, Samoa	13 48	171 46	5	..	1010·8	− 0·4	..	304·5	..	..	293·4	..	..	+0·5	*299·2*	31	− 151
1027	Bello Horizonte	19 55	43 56	857·0	920·6	1016·7	..	298·1	304·2	..	288·6	285·0	..	293·3	..	..	112	..
1028	Caetite	14 2	42 37	900	915·9	1015·9	..	..	307·0	..	..	286·5	..	295·4	..	..	19	..
1029	Ondina	13 12	38 30	46·6	1010·1	1015·5	..	..	304·7	..	..	293·4	..	296·0	..	..	77	..
1030	Aracaju	10 55	37 4	4·3	1015·0	1015·5	..	..	302·3	..	..	295·0	..	298·6	..	..	22	..
1042	Gwelo	..	..	..	860·2	..	+ 0·9	..	..	..	..	..	..	..	..	..	..	..
1044	Zomba	..	..	954	..	1013·5	+ 1·0	..	..	..	..	..	..	..	..	..	..	..
	NOVEMBER.	N.	E.															
139	Advent Bay, Spitsbergen	78 14	15 34	52	999·5	1006·3	− 2·2	265·2	271·3	..	258·5	243·5	..	261·9	..	261·8	25	..
438*a*	Zurich	..	..	..	..	..	..	282·7	..	..	276·0	..	..	279·4	..	..	..	..
619	Havana	..	..	..	..	..	..	302·3	305·3	17th	295·6	..	..	298·9	+2·0	..	..	..
751	Bombay	..	..	..	..	..	..	..	..	..	..	..	..	..	+0·9	..	..	..
		S.	W.															
929	Quixeramobin	5 16	39 15	207·0	988·6	1012·1	..	..	308·3	7th	..	296·5	..	301·4	−0·1	*301·3*	0	− 3
1002	Apia, Samoa	13 48	171 46	5	..	1008·6	− 0·5	..	306·2	..	..	293·5	..	..	+0·5	*299·2*	182	− 93
1027	Bello Horizonte	19 55	43 56	857·0	917·3	1012·3	..	301·9	307·0	..	290·7	285·8	..	295·8	..	..	201	..
1028	Caetite	14 2	42 37	900	914·6	1014·1	..	..	308·0	26th	..	287·0	..	296·6	..	..	97	..
1029	Ondina	13 12	38 30	46·6	1008·1	1013·5	..	..	304·4	..	..	294·2	..	296·3	..	..	33	..
1030	Aracaju	10 55	37 4	4·3	1013·8	1014·3	..	..	302·1	..	..	295·0	..	299·0	..	..	8	..
1044	Zomba	..	..	954	..	1011·6	+ 0·6	..	..	..	..	..	..	..	..	..	..	..
		° ′	° ′	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.

* Mean of max. and min. or of observations at fixed hours.

† Computed means for the 24 hours are in *italics*.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure: Mean at Level of Station.	Pressure: Mean at M.S.L.	Pressure: Diff. from Normal.	Temperature: Mean Max.	Temperature: Absolute Max.	Temperature: Date.	Temperature: Mean Min.	Temperature: Absolute Min.	Temperature: Date.	Temperature: *Mean.	Temperature: Diff. from Normal.	Temperature: †24 hr. Mean.	Precipitation: Total.	Precipitation: Diff. from Normal.
	DECEMBER.	N.	E.															
139	Advent Bay, Spitsbergen	78 14	15 34	52	1003·6	1010·5	− 1·8	263·6	278·1	..	256·5	234·0	..	260·1	..	260·0	26	..
326	Point Riche	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	− 13
438*a*	Zurich	..	..	..	..	..	..	278·7	..	..	273·4	..	..	276·0	..	..	..	..
619	Havana	..	..	..	..	..	..	300·3	304·0	22nd	293·1	289·2	1st	296·7	+1·7	..	..	..
851	Cothin	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	105	..
		S.	W.															
929	Quixeramobim	5 16	39 15	207·0	987·7	1011·1	..	..	307·7	..	..	294·1	..	301·5	−0·1	*301·4*	33	+ 3
1002	Apia, Samoa	13 48	171 46	5	..	1006·7	− 1·2	..	304·5	..	..	294·6	..	..	+1·6	*300·6*	157	−209
1027	Bello Horizonte	19 55	43 56	857·0	912·9	1007·4	..	300·3	303·2	..	291·9	287·4	..	296·1	..	..	209	..
1028	Caetite	14 2	42 37	900	913·8	1012·5	..	..	308·2	26th	..	288·5	..	298·3	..	..	19	..
1029	Ondina	13 12	38 30	46·6	1005·3	1010·7	..	..	306·1	27th	..	294·9	..	297·2	..	..	40	..
1030	Aracaju	10 55	37 4	4·3	1014·7	1015·2	..	..	303·6	..	..	295·5	..	300·1	..	..	49	..
1044	Zomba	..	..	954	..	1009·7	− 0·9	..	..	..	..	..	..	..	..	..	..	..
1055	Cocos Keeling Islands	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	YEAR.																	
317	Minnedosa	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	+109
326	Point Riche	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	−258
438*a*	Zurich	..	..	..	..	..	..	288·3	..	..	278·2	..	..	283·3	..	..	..	..
552*a*	Dehra Dun	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	−137
619	Havana	..	..	..	..	..	..	..	..	..	..	..	..	..	+0·5	*299·7*	..	..
753	Madras	..	..	..	..	..	..	..	..	..	..	..	..	301·8	..	..	..	..
929	Quixeramobim	5 16	39 15	207·0	989·3	1012·8	..	..	308·3	Nov. 7th	..	293·6	Mar. 11th	300·5	0·0	*300·4*	547	− 87
943	Daressalam	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	−288
1002	Apia, Samoa	13 48	171 46	5	..	1010·0	− 0·1	..	306·2	Nov.	..	291·5	July	..	+0·4	*299·0*	2083	−861
1027	Bello Horizonte	19 55	43 56	857·0	918·5	1014·1	..	299·2	307·0	Nov.	?288·4	276·5	July	?293·8	..	..	1547	..
1028	Caetite	14 2	42 37	900	916·1	1016·3	..	..	308·2	Dec. 26th	..	283·5	July 22nd	295·0	..	..	449	..
1029	Ondina	13 12	38 30	46·6	1009·1	1014·5	..	..	306·1	Dec. 27th	..	292·7	July 28th	296·3	..	..	1859	..
1030	Aracaju	10 55	37 4	4·3	1014·4	1014·9	..	..	304·2	Mar. 6th	..	292·0	Aug. 11th	299·1	..	..	456	..
1042	Gwelo	..	..	..	860·3	..	+ 0·7	..	..	..	..	..	..	..	..	..	..	..
1044	Zomba	..	..	954	..	1014·7	+ 0·6	..	..	..	..	..	..	..	..	..	..	..
	1912.																	
	JANUARY.	N.	E.															
139	Advent Bay, Spitsbergen	78 14	15 34	52	1006·0	1013·1	+ 5·7	255·2	276·9	..	246·1	233·5	..	250·7	..	250·4	47	..
319	Fort Hope	..	..	ca. 270	..	1020·2	..	..	..	..	..	..	..	..	..	..	..	..
438*a*	Zurich	..	..	..	..	..	..	276·4	..	..	270·9	..	..	273·7	..	..	..	..
619	Havana	..	..	..	..	..	..	..	..	..	..	..	..	..	+1·6	*295·5*	..	..
		S.	W.															
929	Quixeramobim	5 16	39 15	207·0	988·6	1012·1	..	..	307·9	..	..	295·5	..	301·4	−0·1	*301·2*	172	+109
965	Daru	..	..	..	..	..	+ 3·1	..	..	..	..	..	..	..	..	..	..	..
1027	Bello Horizonte	19 55	43 56	857·0	917·3	1012·5	..	298·8	303·0	7th	291·8	289·8	28th	295·3	..	..	459	..
1208	Caetite	14 2	42 37	900	914·6	1014·0	..	..	308·7	..	..	289·5	..	297·2	..	..	192	..
1029	Ondina	13 12	38 30	46·6	1007·3	1012·7	..	..	306·8	..	..	294·6	..	297·8	..	..	98	..
1030	Aracaju	10 55	37 4	4·3	1012·3	1012·8	..	..	304·0	..	..	297·3	..	300·3	..	..	22	..
1044	Zomba	..	..	954	..	1010·0	+ 0·2	..	..	..	..	..	..	..	..	*295·0*	..	..
1067	Samarai	..	..	..	..	..	− 0·4	..	..	..	..	..	..	..	..	..	..	..
1127	Curityba	..	..	..	..	1013·6	+ 0·8	..	..	..	..	..	..	..	..	..	..	..
	FEBRUARY.	N.	E.															
139	Advent Bay, Spitsbergen	78 14	15 34	52	1009·9	1017·1	+ 9·2	253·8	262·3	..	244·5	235·3	..	249·1	..	249·0	6	..
319	Fort Hope	..	..	ca. 270	..	1018·9	..	..	..	..	..	..	..	..	..	..	..	..
438*a*	Zurich	..	..	..	..	..	..	282·8	..	..	273·0	..	..	277·9	..	..	..	..
619	Havana	..	..	..	..	..	..	..	..	..	..	..	..	..	−0·5	*293·8*	..	..
		S.	W.															
929	Quixeramobim	5 16	39 15	207·0	989·1	1012·7	..	..	305·1	..	..	294·9	..	299·8	−0·8	*299·7*	141	+ 42
943	Daressalam	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	85	..
1027	Bello Horizonte	19 55	43 56	857·0	918·0	1013·3	..	298·9	304·6	25th	291·2	288·2	11th	295·1	..	..	176	..
1028	Caetite	14 2	42 37	900	915·1	1014·7	..	..	303·2	..	..	288·6	..	295·8	..	..	136	..
1029	Ondina	13 12	38 30	46·6	1007·9	1013·3	..	..	306·0	..	..	295·0	..	298·2	..	..	183	..
1030	Aracaju	10 55	37 4	4·3	1012·8	1013·3	..	..	304·2	..	..	296·1	..	300·2	..	..	104	..
1044	Zomba	..	..	954	..	1009·7	0·0	..	..	..	..	..	..	..	..	*294·4*	..	..
1127	Curityba	..	..	..	..	1012·1	− 1·8	..	..	..	..	..	..	..	..	294·5	..	..
	MARCH.	N.	E.															
139	Advent Bay, Spitsbergen	78 14	15 34	52	1007·6	1014·7	+ 2·3	257·8	272·2	..	249·2	235·1	..	253·5	..	253·6	7	..
317	Minnedosa	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	− 3
319	Fort Hope	..	..	ca. 270	..	1023·2	..	..	..	..	..	..	..	..	..	..	..	..
326	Point Riche	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	− 36
438*a*	Zurich	..	..	..	..	..	..	285·8	..	..	276·1	..	..	280·9	..	..	..	..
619	Havana	..	..	..	..	..	..	..	..	..	..	..	..	..	+1·9	*297·2*	..	..
760	Vigan	..	..	..	..	..	..	..	..	..	..	..	..	..	..	299·8	..	..
		S.	W.															
929	Quixeramobim	5 16	39 15	207·0	989·3	1012·9	..	..	304·0	..	..	294·1	..	299·1	−1·0	*299·0*	179	+ 27
943	Daressalam	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	154	..
1027	Bello Horizonte	19 55	43 56	857·0	919·0	1014·3	..	299·2	302·2	17th	289·8	286·8	14th	294·5	..	..	199	..
1028	Caetite	14 2	42 37	900	915·4	1015·4	..	..	302·9	..	..	289·2	..	295·2	..	..	226	..
1029	Ondina	13 12	38 30	46·6	1007·5	1012·9	..	..	302·2	2nd	..	295·2	..	299·5	..	..	98	..
1030	Aracaju	10 55	37 4	4·3	1012·6	1013·1	..	..	305·2	..	..	296·3	..	300·3	..	..	177	..
1044	Zomba	..	..	954	..	1012·7	+ 1·0	..	..	..	..	..	..	..	..	*293·6*	..	..
1127	Curityba	..	..	..	..	1016·1	+ 1·0	..	..	..	..	..	..	..	..	292·5	..	..
		° ′	° ′	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.

* Mean of max. and min. or of observations at fixed hours

† Computed means for the 24 hours are in *italics*.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure: Mean at Level of Station.	Pressure: Mean at M.S.L.	Pressure: Diff. from Normal.	Temperature: Mean Max.	Temperature: Absolute Max.	Temperature: Date.	Temperature: Mean Min.	Temperature: Absolute Min.	Temperature: Date.	Temperature: *Mean.	Temperature: Diff. from Normal.	Temperature: †24 hr. Mean.	Precipitation: Total.	Precipitation: Diff. from Normal.
		° ′	° ′	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.
	April.	**N.**	**E.**															
139	Advent Bay, Spitsbergen	78 14	15 34	52	1000·3	1007·3	− 5·0	257·8	276·4	..	249·1	233·4	..	253·5	..	253·6	7	..
319	Fort Hope	..	..	ca. 270	..	1017·4	..	..	..	..	..	..	..	..	..	..	..	..
438a	Zurich	..	..	..	..	..	..	287·3	..	..	275·8	..	..	281·5	..	..	..	..
619	Havana	..	..	..	..	..	..	..	..	..	..	..	..	..	+2·4	*299·2*	..	..
		S.	**W.**															
929	Quixeramobim	5 16	39 15	207·0	989·7	1013·3	..	..	304·5	..	..	294·3	..	299·3	−0·6	*299·2*	228	+104
943	Daressalam	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	281	..
1027	Bello Horizonte	19 55	43 56	857·0	920·5	1016·4	..	299·9	304·6	2nd	288·5	285·8	27th	294·2	..	..	25	..
1028	Caetite	14 2	42 37	900	916·5	1016·6	..	..	303·0	..	..	287·8	..	295·1	..	..	66	..
1029	Ondina	13 12	38 30	46·6	1008·3	1013·7	..	..	305·5	..	..	295·4	..	299·6	..	..	199	..
1030	Aracaju	10 55	37 4	4·3	1013·4	1013·9	..	..	305·1	..	..	296·3	..	300·5	..	..	90	..
1044	Zomba	..	..	954	..	1013·5	− 0·5	..	..	..	..	..	..	..	..	*294·2*	..	..
1127	Curityba	..	..	..	..	1018·6	+ 1·1	..	..	..	..	..	..	..	..	290·2	..	..
	May.	**N.**	**E.**															
139	Advent Bay, Spitsbergen	78 14	15 34	52	1011·9	1018·7	+ 0·4	269·5	277·9	..	264·0	252·2	..	266·7	..	267·0	2	..
319	Fort Hope	..	..	ca. 270	..	1016·8	..	..	..	..	..	..	..	..	..	..	..	..
438a	Zurich	..	..	..	..	..	..	293·4	..	..	281·3	..	..	287·3	..	..	..	..
619	Havana	..	..	..	..	..	..	..	..	..	..	..	..	..	+1·6	*300·0*	..	..
		S.	**W.**															
929	Quixeramobim	5 16	39 15	207·0	989·8	1013·5	..	..	302·8	..	..	294·3	..	298·5	−1·1	*298·4*	124	+ 34
1027	Bello Horizonte	19 55	43 56	857·0	922·0	1019·4	..	298·4	301·2	19th	285·1	281·6	23rd	291·7	..	..	0	..
1028	Caetite	14 2	42 37	900	917·7	1018·7	..	..	299·9	..	..	286·2	..	292·9	..	..	10	..
1029	Ondina	13 12	38 30	46·6	1010·0	1015·4	..	..	304·2	..	..	294·0	..	298·5	..	..	200	..
1030	Aracaju	10 55	37 4	4·3	1014·4	1014·9	..	..	305·1	..	..	295·8	..	..	..	..	110	..
1044	Zomba	..	..	954	..	1015·3	− 1·1	..	..	..	..	..	..	..	..	*292·4*	..	..
1127	Curityba	..	..	..	..	1019·9	+ 0·4	..	..	..	..	..	..	..	..	..	..	..
	June.	**N.**	**E.**															
139	Advent Bay, Spitsbergen	78 14	15 34	52	1011·4	1018·0	+ 4·9	276·5	279·8	..	273·5	271·0	..	275·0	..	275·0	5	..
319	Fort Hope	..	..	ca. 270	..	1015·2	..	..	..	..	..	..	..	..	..	..	..	..
438a	Zurich	..	..	..	..	..	..	295·5	..	..	284·4	..	..	289·9	..	..	..	..
619	Havana	..	..	..	..	..	..	..	..	..	..	..	..	..	..	*299·5*	..	..
		S.	**W.**															
929	Quixeramobim	5 16	39 15	207·0	991·5	1015·2	..	..	302·6	..	..	293·9	..	298·2	−1·2	*298·2*	68	+ 25
1027	Bello Horizonte	19 55	43 56	857·0	923·2	1020·7	..	297·4	301·8	17th	282·2	277·6	4th	289·8	..	..	4	..
1028	Caetite	14 2	42 37	900	919·0	1020·2	..	..	300·6	..	..	285·5	..	292·3	..	..	1	..
1029	Ondina	13 12	38 30	46·6	1011·1	1016·5	..	..	302·6	..	..	292·7	..	297·2	..	..	302	..
1030	Aracaju	10 55	37 4	4·3	1016·7	1017·2	..	..	306·0	6th	..	294·8	..	298·9	..	..	87	..
1044	Zomba	..	..	954	..	1020·2	+ 0·8	..	..	..	..	..	..	..	..	*289·1*	..	..
1127	Curityba	..	..	..	..	1021·5	− 0·2	..	..	..	..	..	..	..	..	..	..	..
	July.																	
319	Fort Hope	..	..	ca. 270	..	1014·4	..	..	..	..	..	..	..	..	..	..	..	..
438a	Zurich	..	..	..	..	..	..	296·3	..	..	285·0	..	..	290·6	..	..	..	..
619	Havana	..	..	..	..	..	..	..	..	..	..	..	..	..	+0·4	*300·0*	..	..
929	Quixeramobim	5 16	39 15	207·0	991·1	1014·8	..	..	305·1	..	..	292·8	23rd	298·9	−0·5	*298·9*	3	− 14
1027	Bello Horizonte	19 55	43 56	857·0	923·2	1020·7	..	297·0	301·6	1st	281·9	277·6	17th	289·5	..	..	17	..
1028	Caetite	14 2	42 37	900	919·0	1020·4	..	..	301·0	..	..	284·7	..	291·8	..	..	12	..
1029	Ondina	13 12	38 30	46·6	1011·6	1017·0	..	..	302·5	..	..	292·5	19th	297·0	..	..	136	..
1030	Aracaju	10 55	37 4	4·3	1017·1	1017·6	..	..	303·0	..	..	292·3	19th	297·7	..	..	90	..
1044	Zomba	..	..	954	..	1020·3	+ 0·4	..	..	..	..	..	..	..	..	*287·3*	..	..
1127	Curityba	..	..	..	..	1023·8	+ 1·9	..	..	..	..	..	..	..	..	..	..	..
	August.																	
319	Fort Hope	..	..	ca. 270	..	1015·5	..	..	..	..	..	..	..	..	..	..	..	..
438a	Zurich	..	..	..	..	..	..	292·0	..	..	283·1	..	..	287·8	..	..	..	..
619	Havana	..	..	..	..	..	..	..	..	..	..	..	..	..	..	*300·2*	..	..
929	Quixeramobim	5 16	39 15	207·0	990·5	1014·1	..	..	307·3	..	..	294·2	..	300·1	0·0	*300·0*	2	− 9
1027	Bello Horizonte	19 55	43 56	857·0	921·3	1018·3	..	299·1	302·6	26th	282·7	279·4	9th	290·9	..	..	61	..
1028	Caetite	14 2	42 37	900	917·7	1018·5	..	..	304·3	..	..	283·8	20th	293·4	..	..	3	..
1029	Ondina	13 12	38 30	46·6	1011·3	1016·7	..	..	302·9	..	..	292·5	..	296·9	..	..	119	..
1030	Aracaju	10 55	37 4	4·3	1016·6	1017·1	..	..	302·0	..	..	293·3	..	297·8	..	..	24	..
1044	Zomba	..	..	954	..	1018·3	+ 0·2	..	..	..	..	..	..	..	..	*289·3*	..	..
1127	Curityba	..	..	..	..	1018·5	− 2·0	..	..	..	..	..	..	..	..	..	..	..
	September.																	
319	Fort Hope	..	..	ca. 270	..	1015·2	..	..	..	..	..	..	..	..	..	..	..	..
438a	Zurich	..	..	..	..	..	..	287·3	..	..	278·2	..	..	282·8	..	..	..	..
619	Havana	..	..	..	..	..	..	..	..	..	..	..	..	..	+0·7	*300·2*	..	..
929	Quixeramobim	5 16	39 15	207·0	990·2	1013·8	..	..	307·1	..	..	294·9	..	300·6	−0·3	*300·5*	1	..
1027	Bello Horizonte	19 55	43 56	857·0	921·2	1018·2	..	297·6	306·4	28th	283·9	278·0	26th	290·7	..	..	42	..
1028	Caetite	14 2	42 37	900	917·4	1018·0	..	..	305·4	..	..	284·5	..	293·9	..	..	9	..
1029	Ondina	13 12	38 30	46·6	1010·9	1016·3	..	..	303·6	..	..	292·5	..	297·0	..	..	164	..
1030	Aracaju	10 55	37 4	4·3	1016·0	1016·5	..	..	301·9	..	..	294·9	..	298·2	..	..	66	..
1044	Zomba	..	..	954	..	1014·5	− 1·4	..	..	..	..	..	..	..	..	*292·4*	..	..
1127	Curityba	..	..	..	..	1021·8	+ 3·1	..	..	..	..	..	..	..	..	..	..	..
		° ′	° ′	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.

* Mean of max. and min. or of observations at fixed hours.

† Computed means for the 24 hours are in *italics*.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure: Mean at Level of Station.	Pressure: Mean at M.S.L.	Pressure: Diff. from Normal.	Temperature: Mean Max.	Temperature: Absolute Max.	Temperature: Date.	Temperature: Mean Min.	Temperature: Absolute Min.	Temperature: Date.	Temperature: *Mean.	Temperature: Diff. from Normal.	Temperature: †24 hr. Mean.	Precipitation: Total.	Precipitation: Diff. from Normal.
		° ′	° ′	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.
	October.																	
319	Fort Hope	..	..	ca. 270	..	1013·5	..	..	..	..	..	..	..	..	..	..	..	..
438a	Zurich	..	..	..	..	..	..	284·6	..	..	277·2	..	..	280·9	..	..	..	..
619	Havana	..	..	..	..	..	..	..	..	..	..	..	..	..	+0·9	*298·8*	..	..
		S.	**W.**															
929	Quixeramobim	5 16	39 15	207·0	989·1	1012·6	..	..	307·7	..	..	295·8	..	301·0	−0·3	*300·9*	0	− 1
1027	Bello Horizonte	19 55	43 56	870·0	919·7	1016·0	..	297·5	302·4	29th	287·3	282·2	7th	292·4	..	..	251	..
1028	Caetite	14 2	42 37	900	915·7	1015·9	..	..	305·3	..	..	285·2	..	294·7	..	..	67	..
1029	Ondina	13 12	38 30	46·6	1008·9	1014·3	..	..	304·0	..	..	293·0	..	297·5	..	..	282	..
1030	Aracaju	10 55	37 4	4·3	1014·3	1014·8	..	..	302·1	..	..	294·9	..	298·7	..	..	44	..
1042	Gwelo	..	..	..	860·8	..	+ 0·7	..	..	..	..	..	..	..	..	..	..	..
1044	Zomba	..	..	954	..	1014·5	+ 2·0	..	..	..	..	..	..	..	..	*293·7*	..	..
1127	Curityba	..	..	..	..	1017·7	+ 1·3	..	..	..	..	..	..	..	..	..	..	..
	November.																	
319	Fort Hope	..	..	ca. 270	..	1015·6	..	..	..	..	..	..	..	..	..	..	..	..
438a	Zurich	..	..	..	..	..	..	278·3	..	..	272·3	..	..	275·3	..	..	..	..
619	Havana	..	..	..	..	..	..	..	..	..	..	..	..	..	+0·3	*296·8*	..	..
929	Quixeramobim	5 16	39 15	207·0	988·2	1011·6	..	..	308·2	24th	..	296·4	..	301·2	−0·3	*301·1*	0	− 3
1027	Bello Horizonte	19 55	43 56	870·0	917·4	1012·5	..	301·2	305·4	19th	289·7	288·2	18th	295·5	..	..	177	..
1028	Caetite	14 2	42 37	900	914·5	1014·0	..	..	306·0	..	..	287·5	..	296·5	..	..	26	..
1029	Ondina	13 12	38 30	46·6	1008·1	1013·5	..	..	305·2	..	..	294·2	..	299·1	..	..	40	..
1030	Aracaju	10 55	37 4	4·3	1013·2	1013·7	..	..	303·0	..	..	296·1	..	299·5	..	..	10	..
1044	Zomba	..	..	954	..	1013·0	+ 2·0	..	..	..	..	..	..	..	..	*296·7*	..	..
1127	Curityba	..	..	..	..	1013·4	− 0·5	..	..	..	..	..	..	..	..	..	..	..
	December.																	
319	Fort Hope	..	..	ca. 270	..	1013·6	..	..	..	..	..	..	..	..	..	..	..	..
326	Point Riche	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	− 77
438a	Zurich	..	..	..	..	..	..	277·2	..	..	271·9	..	..	274·5	..	..	..	..
619	Havana	..	..	..	..	..	..	..	..	..	..	..	..	..	+2·1	*296·7*	..	..
929	Quixeramobim	5 16	39 15	207·0	987·2	1010·6	..	..	308·1	..	..	296·9	..	301·6	0·0	*301·5*	0	− 30
1027	Bello Horizonte	19 55	43 56	870·0	916·8	1012·3	..	298·1	303·2	17th	290·7	289·2	1st	294·4	..	..	301	..
1028	Caetite	14 2	42 37	900	913·8	1012·9	..	..	308·0	8th	..	288·8	..	297·0	..	..	40	..
1029	Ondina	13 12	38 30	46·6	1007·3	1012·7	..	..	305·6	..	..	294·5	..	299·4	..	..	25	..
1030	Aracaju	10 55	37 4	4·3	1012·2	1012·7	..	..	303·8	..	..	296·1	..	299·9	..	..	2	..
1044	Zomba	..	..	954	..	1011·2	+ 0·6	..	..	..	..	..	..	..	..	*293·7*	..	..
1127	Curityba	..	..	..	..	1014·3	+ 1·3	..	..	..	..	..	..	..	..	..	..	..
	Year.																	
317	Minnedosa	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	− 20
319	Fort Hope	..	..	ca. 270	..	1016·6	..	..	..	..	..	..	..	..	..	..	..	..
326	Point Riche	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	−463
438a	Zurich	..	..	..	..	..	..	286·5	..	..	277·4	..	..	281·9	..	..	..	..
619	Havana	..	..	..	..	..	..	..	..	..	..	..	..	..	−1·0	*298·1*	..	..
929	Quixeramobim	5 16	39 15	207·0	989·5	1013·0	..	..	308·2	Nov. 24th	..	292·8	July 23rd	300·0	−0·5	*299·9*	918	+284
1027	Bello Horizonte	19 55	43 56	870·0	920·0	1016·3	..	298·2	306·4	Sept. 28th	287·1	277·6	June 4th	292·7	..	..	1712	..
1028	Caetite	14 2	42 37	900	916·3	1016·5	..	..	308·0	Dec. 8th	..	283·8	Aug. 20th	294·7	..	..	1391	..
1029	Ondina	13 12	38 30	46·6	1009·2	1014·6	..	..	308·2	March 2nd	..	292·5	July 19th	298·1	..	..	1846	..
1030	Aracaju	10 55	37 4	4·3	1014·3	1014·8	..	..	306·0	June 6th	..	292·3	July 19th	299·3	..	..	826	..
1044	Zomba	..	..	954	..	1014·1	0·0	..	..	..	..	..	..	..	..	*292·7*	..	..
1127	Curityba	..	..	..	..	1017·5	+ 0·5	..	..	..	..	..	..	..	..	..	..	..
	1913.																	
	January.																	
233	Grimsey (Akureyri)	..	..	6·8	..	995·7	− 6·1	..	..	..	..	..	..	..	..	..	..	..
438a	Zurich	..	..	..	..	..	..	276·5	..	..	271·5	..	..	274·0	..	..	..	..
722	Port au Prince	..	..	..	1012·2	1017·0	+ 1·5	304·7	305·8	6th	293·7	291·4	26th	299·2	+0·7	298·3	20	− 11
965	Daru	..	..	..	..	..	− 0·5	..	..	..	..	..	..	..	..	..	..	..
1067	Samarai	..	..	..	..	..	− 0·3	..	..	..	..	..	..	..	..	..	..	..
	February.																	
233	Grimsey (Akureyri)	..	..	6·8	..	1002·4	− 2·0	..	..	..	..	..	..	..	..	..	..	..
438a	Zurich	..	..	..	..	..	..	279·4	..	..	270·3	..	..	274·9	..	..	..	..
722	Port au Prince	..	..	..	1012·4	1017·2	+ 1·4	305·2	307·0	15th	293·4	290·9	14th	299·3	+0·3	298·4	17	− 33
	March.																	
233	Grimsey (Akureyri)	..	..	6·8	..	994·4	−13·5	..	..	..	..	..	..	..	..	..	..	..
438a	Zurich	..	..	..	..	..	..	286·3	..	..	274·9	..	..	280·6	..	..	..	..
722	Port au Prince	..	..	..	1012·7	1017·4	+ 2·4	306·0	307·9	2nd	294·3	291·9	28th	300·1	+0·9	299·3	67	+ 8
	April.																	
233	Grimsey (Akureyri)	..	..	6·8	..	1002·1	−10·7	..	..	..	..	..	..	..	..	..	..	..
326	Point Riche	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	+ 5
438a	Zurich	..	..	..	..	..	..	287·3	..	..	276·5	..	..	281·9	..	..	..	..
722	Port au Prince	..	..	..	1010·5	1015·2	+ 0·9	303·2	306·8	4th	294·1	292·4	22nd	298·7	−1·1	298·0	281	+125
		° ′	° ′	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.

* Mean of max. and min. or of observations at fixed hours.

† Computed means for the 24 hours are in *italics*.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure: Mean at Level of Station.	Pressure: Mean at M.S.L.	Pressure: Diff. from Normal.	Temperature: Mean Max.	Temperature: Absolute Max.	Temperature: Date.	Temperature: Mean Min.	Temperature: Absolute Min.	Temperature: Date.	Temperature: *Mean.	Temperature: Diff. from Normal.	Temperature: †24 hr. Mean.	Precipitation: Total.	Precipitation: Diff. from Normal.
		° ′	° ′	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.
	MAY.																	
233	Grimsey (Akureyri)	..	..	6·8	..	1011·8	− 2·4	..	..	..	..	..	..	..	..	..	..	..
317	Minnedosa	..	..	..	..	..	..	..	304·1	27th	..	264·7	13th	..	..	..	34	− 15
438*a*	Zurich	..	..	..	..	..	..	292·4	..	..	280·1	..	..	286·3	..	..	..	..
653	Allahabad	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	+ 19
655*a*	Cherrapunji	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	+368
722	Port au Prince	..	..	..	1010·4	1015·1	+ 1·6	303·8	305·3	27th	294·5	293·1	17th	299·1	−0·8	298·5	185	− 93
	JUNE.																	
233	Grimsey (Akureyri)	..	..	6·8	..	1012·0	+ 0·6	..	..	..	..	..	..	..	..	..	..	..
438*a*	Zurich	..	..	..	..	..	..	294·6	..	..	283·7	..	..	289·1	..	..	..	..
722	Port au Prince	..	..	..	1011·3	1016·0	+ 1·6	306·5	308·6	21st	295·4	293·1	17th	300·9	−0·4	300·0	95	0
	JULY.																	
233	Grimsey (Akureyri)	..	..	6·8	..	1013·0	+ 2·4	..	..	..	..	..	..	..	..	..	..	..
438*a*	Zurich	..	..	..	..	..	..	293·8	..	..	283·5	..	..	288·6	..	..	..	..
651	Jaipur	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	− 89
722	Port au Prince	..	..	..	1012·2	1016·9	+ 1·9	306·9	309·3	12th	295·6	293·0	2nd	301·3	−0·6	300·2	71	+ 9
	AUGUST.																	
233	Grimsey (Akureyri)	..	..	6·8	..	1008·3	− 1·7	..	..	..	..	..	..	..	..	..	..	..
438*a*	Zurich	..	..	..	..	..	..	295·9	..	..	284·2	..	..	290·1	..	..	..	..
655*a*	Cherrapunji	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	−611
722	Port au Prince	..	..	..	1010·8	1015·5	+ 1·5	306·8	309·2	6th, 14th	295·9	294·2	20th	301·3	−0·3	300·3	103	− 29
	SEPTEMBER.																	
233	Grimsey (Akureyri)	..	..	6·8	..	1012·6	+ 5·1	..	..	..	..	..	..	..	..	..	..	..
438*a*	Zurich	..	..	..	..	..	..	292·0	..	..	282·3	..	..	287·1	..	..	..	..
722	Port au Prince	..	..	..	1009·2	1013·9	+ 1·2	305·7	309·2	1st	295·2	294·1	12th	300·5	−0·4	299·6	182	− 7
965	Daru	..	..	..	..	..	+ 1·6	..	..	..	..	..	..	..	..	..	..	..
	OCTOBER.																	
233	Grimsey (Akureyri)	..	..	6·8	..	1007·9	+ 0·3	..	..	..	..	..	..	..	..	..	..	..
438*a*	Zurich	..	..	..	..	..	..	288·4	..	..	279·4	..	..	283·9	..	..	..	..
722	Port au Prince	..	..	..	1009·4	1014·1	+ 2·3	304·8	306·8	5th	294·8	293·6	5th	299·8	−0·3	299·0	143	− 25
	NOVEMBER.																	
233	Grimsey (Akureyri)	..	..	6·8	..	989·5	−15·6	..	..	..	..	..	..	..	..	..	..	..
722	Port au Prince	..	..	..	1009·5	1014·2	+ 1·5	303·7	307·2	2nd	294·4	292·8	27th	299·1	−0·4	298·3	166	+104
	DECEMBER.																	
233	Grimsey (Akureyri)	..	..	6·8	..	1000·1	− 1·4	..	..	..	..	..	..	..	..	..	..	..
326	Point Riche	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	− 73
621	Nassau	..	..	3·7	..	..	..	..	..	..	..	..	..	..	..	..	..	..
722	Port au Prince	..	..	..	1010·7	1015·4	+ 1·0	303·3	305·8	25th, 28th	293·6	291·0	4th	298·5	−0·2	297·7	9	− 53
	YEAR.																	
207	Valdez	..	..	..	..	..	..	..	..	..	270·0	..	..	..	..	..	..	..
233	Grimsey (Akureyri)	..	..	6·8	..	1004·2	− 3·7	..	..	..	..	..	..	..	..	..	..	..
722	Port au Prince	..	..	..	1011·0	1015·7	+ 1·6	305·1	309·3	July 12th	294·6	290·9	Feb. 14th	299·9	−0·1	299·0	1341	+ 13
		S. °	W. °	mb.	metres.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm	mm.

* Mean of Max. and min. or of observations at fixed hours. † Computed means for the 24 hours are in *italics*.

PRECIPITATION AT NO. 531, HORTA.

	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Year.
1910	58	44	51	128	8	45	189	39	29	84	129	160	964
1911	153	73	70	71	91	60	106	140	138	58	198	181	1339
1912	186	195	92	72	117	56	46	84	120	164	147	90	1369

DEVIATIONS FROM NORMAL (ADDITIONAL OR REVISED NORMALS).

			Jan.	Feb.	Mar.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Year.
	1911.														
319.	Fort Hope	T.	..	+3·5	+4·3	+1·7	+1·6	+3·1	−0·6	+0·4	−1·8	−0·1	−3·6	+4·7	+0·8
	,,	R.	..	−8	−18	−6	+36	+43	+41	−4	+25	−21	−12	−12	+85
320.	Moose Factory	T.	..	−0·2	+2·1	+0·7	+2·4	+0·2	+1·8	+1·5	−1·6	−0·8	−2·1	+5·8	+0·5
	,,	R.	..	−13	−33	−11	−19	+83	+2	+70	+7	+48	+35	+10	+161
424.	S.W. Point, Anticosti.	T.	−2·3	−3·6	−2·1	−1·5	+0·8	+0·4	+1·4	+0·2	−0·7	−1·3	−1·8	..	..
424.	S.W. Point, Anticosti.	R.	−23	−30	−30	−27	−17	+37	+11	−15	−22	−24	−25	..	..
425.	Sable Is.	T.	−0·6	−2·3	−2·3	−1·6	+0·4	+1·7	+1·7	+1·0	+0·1	−1·7	−1·1	−0·3	−0·4
	,,	R.	..	..	..	+5	..	+1	−45	−51	..	..	..	−53	−10
1042.	Gwelo	P.	−1·3	−0·4	+0·7	+1·4	+0·6	+1·7	+1·3	−0·1	+1·6	+0·9	+1·2	+0·7	+0·7
1043.	Salisbury	P.	−2·0	−0·1	+0·4	+1·2	−0·2	−1·4	..	..	..	..	+0·6	−0·4	..
1046.	Tananarivo	T.	+0·2	−0·4	..	−1·1	−0·2	+0·2	−1·2	+0·2	0·0	+0·2	0·0	+1·7	−0·1
1266.	Bourke	P.	+1·2	0·0	+1·1	−0·8	+0·4	+2·9	+0·3	+2·2	0·0	+2·3	+1·1	−0·7	+0·8
1421.	Islota de los Evangelistas.	P.	..	..	+7·9	−2·4	+3·6	+4·1	+4·7	−3·7	+9·5	+7·6	+1·9	+1·1	..
	1912.														
242*a*.	Kuopio	P.	+4·4	−3·9	+1·0	−4·5	−4·3	−1·3	+6·0	+1·7	+0·4	+5·9	−6·5	−4·0	−0·5
319.	Fort Hope	T.	−7·8	+0·6	−2·5	−3·5	−1·5	+1·4	+0·4	−2·9	+0·1	+0·3	+1·2	+0·1	−1·1
	,,	R.	−10	−8	−3	−5	−19	−33	+101	−5	+75	−5	+11	+18	+117
320.	Moose Factory	T.	−5·4	0·0	−3·7	−4·0	−0·4	−1·5	+0·6	−2·6	+0·3	−1·0	+1·5	−0·4	−1·4
	,,	R.	−20	+34	+6	+24	−49	+11	−3	+2	−24	+15	−7	+18	+7
424.	S.W. Point. Anticosti.	T.	−3·1	+2·0	−0·6	−2·7	+0·7	−1·5	−1·6	−2·4	−1·5	−0·4	−0·4	..	..
424.	S.W. Point, Anticosti.	R.	−34	−31	−39	+44	+68	+30	+1	−5	−42	+7	−24	..	..
533.	Madeira	P.	−2·0	−5·9	+4·2	+1·6	+1·3	+0·6	−0·1	+1·6	−1·3	+1·2	+3·7	+2·1	+0·6
	,,	T.	−1·0	−0·2	+0·4	−0·6	+0·2	−0·6	−1·5	−0·5	−0·6	−0·8	0·0	−1·4	−0·5
943.	Daressalam	P.	+0·3	−1·2	+0·2	−0·5	−0·9	−0·9	−1·1	−0·3	−1·6	0·0	−0·7	0·0	−0·6
	,,	T.	+0·1	−0·4	−0·3	0·0	+0·2	+0·3	+0·1	+0·1	+0·1	0·0	0·0	−1·3	−0·1
	,,	R.	−30	+11	−26	+68	−117	−4	−28	−53	−1	−13	−42	+31	−204
1042.	Gwelo	P.	+1·5	+1·2	+2·0	+1·3	0·0	+0·7	+0·4	+1·2	−0·6	+1·5	+0·4	+0·7	+1·2
1043.	Salisbury	P.	+0·8	0·0	+1·4	+0·2	−0·5	+0·2	0·0	−0·1	−1·4	+0·9	−0·1	−0·2	+0·1
1046.	Tananarivo	T.	+1·0	0·0	+0·8	+0·7	+0·9	+0·9	+0·5	+0·5	+1·2	+0·6	+0·8	+0·2	+0·8
1225.	Rio Grande	P.	+1·8	−0·5	+0·9	+1·7	+0·4	−1·4	+2·1	−3·5	+4·3	−2·2	−3·3	−2·3	+0·6
	,,	T.	−0·9	+0·1	+0·8	−0·6	+0·4	−0·1	−2·4	−2·0	−2·4	−0·1	−0·3	−0·1	−0·6
	,,	R.	+21	+59	−22	+43	+245	+62	+20	+75	−95	−34	+19	+54	+446
1421.	Islota de los Evangelistas.	P.	−2·3	−4·9	+4·0	+5·4	−0·2	−2·3	+1·5	+9·2	+3·9	−1·0	−1·2	−1·0	+0·7
	1913.														
424.	S.W. Point, Anticosti.	T.	+2·3	−3·8	+0·4	..	+3·7	..	−1·3	+0·3	..	..	−0·8	..	..
424.	S.W. Point, Anticosti.	R.	+91	+36	+33	+25	0·0	..	−27	..	..	+108	+16	..	..
425.	Sable Is.	T.	+1·6	−1·0	..	+0·5	−0·6	−0·4	..	−0·5	..	+3·5	−0·1	+0·4	+0·2
	,,	R.	..	..	..	−13	..	−52	..	−48	..	..	..	−68	−244
619.	Havana	T.	+2·3	+1·9	+2·3	−0·3	−0·7	−1·0	−0·2	−0·2	−0·3	+0·1	−0·2	+0·9	+0·4
929.	Quixeramobim	R.	+25	+167	+35	+14	+64	−1	+13	−8	+2	+1	−1	+25	+336
1042.	Gwelo	P.	+1·1	0·0	+0·7	+0·2	−0·6	+0·6	+0·2	+0·8	−0·6	+0·4	+0·7	+1·2	+0·4
1043.	Salisbury	P.	+0·6	−0·9	+0·2	−0·2	−1·1	+0·2	−0·4	0·0	−0·8	+0·3	+0·2	+0·6	−0·1
1046.	Tananarivo	T.	−0·6	−0·1	+0·9	−0·8	+1·4	+0·3	−0·3	+0·8	+0·4	+1·1	+0·1	−0·3	+0·2
1421.	Islota de los Evangelistas.	P.	+5·2	−1·2	+2·3	−5·1	−5·5	+4·6	−4·9	−0·1	−2·4	+1·7	+3·5	+2·4	0·0

The letters P, T, R signify Pressure, Temperature, Rainfall (Precipitation).

OTHER ADDITIONS AND CORRECTIONS.

1910.

310. Prince Rupert. Longitude: Jan., March, April, June, July; for 103° 18′ *read* 130° 18′.
315. Prince Albert. Latitude: March, June, July; for 53° 10′ *read* 51° 10′.
317. Minnedosa. Height: March, June, July; for 518 m. *read* 515 m.
341. Warsaw. Height: March, June, July; for 120 m. *read* 127 m.
740. Katagum. Height: Jan., Feb., March, May, June, July; for 430·7 m. *read* 402 m.
759. Bolinao. Height: May; for 8·5 m. *read* 7·5 m.
819. Culebra. Height: September to December; for 52·4 m. *read* 123·1 m.
969. Tulagi. Height: September to December; for 53·6 m. read 2·1 m.
970. Ocean Is. Height: Jan., March, April, June, July; for 485 m. *read* 48·5 m.
1042. Gwelo. Longitude: March, June, July; for 0° 2′ *read* 30° 2′.

1911–1913.

139. Advent Bay, Spitsbergen, 1911, 1912. Authority: Met. Zs. 36, 1919, p. 301. Normal P. for Green Harbour. P = mean of 24 hrs.
231. Stykkisholm. Latitude: for 66° 5′ *read* 65° 5′.
233. Grimsey (Akureyri). Remarks. The pressure data are taken from the readings of a barometer at Akureyri (65° 40′ N., 18° 4′ W., Height 6·8 m.), the temperature and precipitation from instruments at Grimsey (66° 33′ N., 17° 58′ W., Height 22·0 m.).
235. Thorshavn, 1913. *Delete* 24 hr. mean temperature.
242*a*. Kuopio, 1911, 1912. Authority for Normals; for T.R. Monthly Meteor Bulletin, *read* P. Rung, Répartition de Pression sur l'Europe, 1904. T see current data.
319, 320. 1911, 1912. Authority for Normals: *insert* T,R, Ottawa, Canada's Fertile Northland, 1908.
325. 1913. *For* Davis Inlet (Fort Chinio) *read* Ungava (Fort Chimo). Latitude 58° 10′ N., longitude 68° 20′ W. Height ? 25 m.
424. 1912. Authority for Normals: *insert* Toronto, Meteor. Service, Monthly Weather Review.
1913. ,, ,, ,, for Do. *read* Toronto, Meteor. Service, Monthly Weather Review.
426. St John's ,, ,, ,, 1913; for Do. *read* See No. 411.
448. Krasnovodsk, 1911. Precipitation; *delete* all figures and deviations from normal.
533. Madeira, 1911. Authority for Normals: *insert* P, Rung, Press. sur l'Atlantique sept., T,R. Hann, Handbuch der Klimatologie.
544. Nicosia, 1912, 1913. Height: for 22·1 m. *read* 152 m.
619. Havana. 1911, 1912. Remarks: for P, T. = mean of bi-hourly obs. *read* P,T diff. $=\frac{1}{10}(4+6+8+10+12+14+16+18+20+22)$.
1913. Remarks: for $P=\frac{1}{8}(6+8+10+12+14+16+18+20)$ *read* P,T diff. $=\frac{1}{10}(4+6+8+10+12+14+16+18+20+22)$.
719. Belize, 1912, 1913. Latitude; for 19° 29′ *read* 17° 29′. The values given for mean pressure are about 4·3 mb. too high. The differences from normal should be ignored.
722. Port au Prince. 1911, 1912. A correction of about −2·4 mb. should be applied to the differences from normal pressure.
1913. Authority for current data; *insert* Paris Ann. Bur. centr. Meteor., 1913.
,, for normals; *insert* M.S. normals prepared in M.O. Remarks; P = mean of 24 hrs.
929. Quixeramobim, 1911, 1912. Authority; Rio de Janeiro, Annuario Observatorio Nacional, 1917; Normals, P,T supplied by C. M. Delgado de Carvalho. R supplied by Mr R. C. Mossman. P.T. $=\frac{1}{3}(7+14+21)$. The pressures at Quixeramobim appear about 2 mb. too high.
943. Daressalam, 1911. Remarks; for P. $=\frac{1}{3}(7+14+21)$ *read* P = mean of 24 hrs.; P diff. $=\frac{1}{3}(7+14+21)$ {1911—normal}.
1002. Apia, Samoa, 1911. Authority for Current Data; Meteor. Zs., 30, 1913, p. 359;
Authority for Normals; M.S. Normals prepared in M.O. Remarks; P = $\frac{1}{3}(7+14+21)$.
1024. Sucre, Bolivia. Longitude, for 67° 17′ *read* 65° 17′.
1027. Bello Horizonte, 1911, 1912. Authority; Bello Horizonte, Minas Geraes, Dados Meteor. de 1910 a 1914. Remarks: P, $=\frac{1}{3}(7+14+21)$.
1028, 1029, 1030. Caetite, Ondina, Aracaju. 1911, 1912. Authority; Rio de Janeiro, Annuario Observatorio Nacional 1917. Remarks: P,T $=\frac{1}{3}(7+14+21)$.
1128. Rio de Janeiro. From 1911 to 1913 about 0·8*a* should be added to the differences from normal temperature.
1142. Kimberley, 1911–13. Longitude for 28° 46′ *read* 24° 46′.
1226. Montevideo, 1913, May to December. Height; for 29·3 m. *read* 24·9 m.
1266. Bourke. 1911. Remarks: P. diff. = 9 h. (1911—normal).
1913 ,, For $P=\frac{1}{2}(9+15)$, P. diff. = 9 h.–normal *read* P = 9 h.
1323. Bahia Blanca, 1913. Authority for Current Data; for Do. do. *read* M.S. data supplied by Mr. R. C. Mossman.
1421. Islota de los Evangelistas. 1911. *Delete* pressure figs. given for year.
1912. Authority for Normals; *insert* M.S. data prepared in M.O.
1422. Puerto de Punta Arenas, 1911–13. *Delete* all differences from normal.

RÉSEAU MONDIAL, JANUARY 1910.

TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE FOR THE MONTH OF JANUARY 1910 BY MEANS OF STATIONS SELECTED AT THE RATE OF TWO FOR EACH TEN-DEGREE SQUARE.

Between Latitude 80° N. and 70° N. — JANUARY—ZONE 1.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure. Mean at Level of Station.	Pressure. Mean at M.S.L.	Pressure. Diff. from Normal.	Temperature. Mean Max.	Absolute Max.	Date.	Mean Min.	Absolute Min.	Date.	*Mean.	Diff. from Normal.	†24 hr. Mean.	Precipitation. Total.	Diff. from Normal.
		° ′ N.	° ′ W.	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.
123	North Star Bay	76 30	68 55	6·5	..	..	..	..	..	..	..	..	..	..	..	..	..	..
124																		
125	Upernivik	72 47	W56 7	18·9	1006·2	1008·8	+ 3·1	248·9	264·7	23rd	242·8	237·2	14, 16, 18	245·9	−5·5	*245·6*	2	−11
126																		
139	Spitsbergen	78 2	E 14 14	11·4	..	..	..	..	..	..	..	..	..	..	..	..	..	..
140																		
141	Gjesvaer	71 6	25 22	6·5	993·8	994·6	− 8·0	..	279·7	7th	..	261·1	21st	..	+0·1	*269·5*	46	− 4
142	Mehavn	71 1	27 47	6·4	995·5	996·3	..	..	277·4	7th	..	258·9	22nd	..	..	*268·8*	70	− 6
143	Vardö	70 22	31 8	10·0	996·3	997·6	− 6·8	..	275·2	8th	..	260·7	21st	..	+1·3	*268·7*	50	−20
144																		
147																		
148		N.	E.															

Between Latitude 70° N. and 60° N. — JANUARY—ZONE 2.

203	Nome	64 30	165 24	6·7	..	1003·0	..	256·6	273·0	1st	247·1	235·8	28th	251·9	..	..	24	..
204																		
205	Tanana	65 12	152 0	? 73·8	..	?1008·1	..	250·9	268·6	2nd	240·4	217·4	31st	245·7	..	..	31	..
206																		
207	Valdez	61 6	146 13	8·2	..	1000·0	..	269·3	275·2	6th	260·9	254·1	24th	265·1	..	..	172	..
208	Eagle	64 46	141 12	248	..	1006·1	..	253·6	269·7	29th	242·3	221·3	12th	247·9	..	..	21	+12
209	Dawson	64 4	139 20	321	968·8	1012·8	−11·7	248·3	271·3	28th, 29th	239·4	225·2	11th	243·9	+2·0	..	33	..
210	Carcross	60 11	134 34	662	..	..	..	263·9	275·2	7th	253·2	240·8	10th, 15th	258·6	..	..	14	..
211																		
212	Fort Simpson	61 52	120 43	129	..	..	..	..	..	..	..	..	..	..	..	..	..	..
213	Hay River	60 51	115 20	161	..	..	..	..	..	..	..	..	..	..	..	..	..	..
225	Jacobshavn	69 13	51 2	12·6	1004·8	1006·5	+ 2·8	250·4	273·2	22nd	242·9	234·7	16, 17, 18	246·7	−7·1	*246·7*	3	− 6
226	Godthaab	64 11	51 44	9	996·6	997·8	− 1·3	265·3	274·0	29th, 30th	260·0	252·6	1st, 2nd	262·7	−0·3	*262·7*	50	+ 7
229	Angmagsalik	65 37	37 34	31·7	991·1	995·2	− 1·2	266·7	272·9	18th	258·5	251·7	10th	262·6	−1·8	..	33	−54
230																		
231	Stykkisholm	66 5	22 46	11·3	989·6	991·2	− 8·3	272·6	279·5	6th	267·3	260·1	22nd	270·0	−0·6	*270·2*	77	+ 7
232	Vestmanno	63 26	20 15	7·7	989·8	990·8	− 9·2	276·3	282·7	6th	270·9	264·9	13th	273·6	−0·2	*273·8*	104	− 7
233	Grimsey (Akureyri)	66 33	17 58	6·8	992·6	993·5	− 8·3	272·5	277·5	7th	267·7	260·0	30th	270·1	−0·7	*270·2*	2	−23
234	Berufjord	64 40	14 19	18·0	989·6	991·9	− 8·5	274·1	284·2	6th	268·0	259·8	22nd	271·1	−0·5	*271·1*	91	−24
235	Thorshavn	62 3	W6 45	25·7	991·1	994·2	−10·5	278·2	284·9	2nd	272·5	265·6	23rd	275·4	−0·6	..	156	−27
236																		
237	Bergen (Met. Obs.)	60 24	E 5 19	44·4	994·6	1000·1	−10·2	..	282·5	2nd	271·6	261·1	27th	..	−0·8	*273·6*	185	−18
238	Christiansund	63 7	7 45	17·8	994·7	996·9	−10·3	..	282·7	6th	272·3	263·7	26th	..	−0·5	*274·1*	183	+71
239	Trondhjem	63 26	10 25	39·5	993·6	998·5	− 9·8	..	281·3	6th	267·2	254·1	26th	..	−0·6	*269·8*	90	−16
240	Bodö	67 17	14 24	20·5	993·1	995·7	− 9·5	..	279·4	7th	267·6	258·2	25th	..	−1·1	*270·3*	100	+10
241	Haparanda	65 50	24 9	9·2	998·4	999·6	−11·1	266·3	274·0	10th	258·9	242·0	23rd	262·6	+1·1	*262·8*	45	+ 6
242	Helsingfors	60 10	24 57	11·7	..	1002·7	−10·4	..	277	..	..	254	..	..	+3·8	*270·1*	60	+20
242*a*	Kuopio	62 54	27 40	99·7	..	1002·7	− 9·7	..	275	..	..	248	..	..	+2·4	*265·4*	89	..
243	Kola	68 53	33 1	6·7	..	..	..	..	..	..	..	..	..	..	..	..	..	..
244	Petrozavodsk	61 47	34 23	38·9	..	1006·0	− 9·2	..	275	..	..	237	..	..	+1·9	*264·6*	..	..
245	Arkhangelsk	64 33	40 32	6·7	..	1006·2	− 6·2	..	275	..	..	236	..	..	+2·9	*262·2*	25	+ 4
246	Velsk	61 5	42 7	? 83	..	..	..	..	..	..	..	..	..	..	..	..	..	..
247	Oust-Tsylma	65 27	52 10	? 25	..	1010·6	− 1·1	..	272	..	..	227	..	..	+4·4	*259·0*	..	..
248	Troitsko-Petcherskoe	62 42	56 13	? 123	..	..	..	..	..	..	..	..	..	..	..	..	..	..
249	Berezov	63 56	65 4	39·9	..	..	..	..	..	..	..	..	..	..	..	..	..	..
250	Obdorsk	66 31	66 35	23·7	..	..	..	..	..	..	..	..	..	..	..	..	..	..
251	Sourgout	61 15	73 24	? 40	..	..	..	..	..	..	..	..	..	..	..	..	..	..
252																		
253	Touroukhansk	65 55	87 38	? 40	..	..	..	..	..	..	..	..	..	..	..	..	..	..
254	Doudinka	69 7	87 0	? 20	..	..	..	..	..	..	..	..	..	..	..	..	..	..
261	Olekminsk	60 22	120 26	? 135	..	..	..	..	..	..	..	..	..	..	..	..	..	..
262	Iakoutsk	62 1	129 43	? 108	..	..	..	..	..	..	..	..	..	..	..	..	..	..
263	Verkhoïansk	67 33	133 24	? 100	..	..	..	..	..	..	..	..	..	..	..	..	..	..
264	Oust-Maïskoe	60 25	134 29	? 100	..	..	..	..	..	..	..	..	..	..	..	..	..	..
271	Markovo sur Anadyr	64 45	170 50	? 20	..	..	..	..	..	..	..	..	..	..	..	..	..	..
272	Novo-Mariinskii Post	64 45	177 33	5·2	..	..	..	..	..	..	..	..	..	..	..	..	..	..
		° ′ N.	° ′ E.	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.

* Mean of max. and min. or of observations at fixed hours. † Computed means for the 24 hours are in *italics*.

JANUARY—ZONE 3. Table representing the Meteorology of the Globe between Latitude 60° N. and 50° N.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure: Mean at Level of Station.	Pressure: Mean at M.S.L.	Pressure: Diff. from Normal.	Temperature: Mean Max.	Temperature: Absolute Max.	Temperature: Date.	Temperature: Mean Min.	Temperature: Absolute Min.	Temperature: Date.	Temperature: *Mean.	Temperature: Diff. from Normal.	Temperature: †24 hr. Mean.	Precipitation: Total.	Precipitation: Diff. from Normal.
301																		
302		° ′ N.	° ′ W.	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.
303	Dutch Harbour	53 54	166 32	4·0	..	1011·8	..	276·6	283·6	20th	269·2	260·8	28, 30, 31	272·9	..	..	185	..
304																		
305																		
306																		
307																		
308																		
309	Sitka	57 4	135 20	27	..	1002·7	— 2·4	275·9	280·2	6th	271·2	265·8	13th, 15th	273·6	+0·7	..	256	—53
310	Prince Rupert	54 18	103 18	52	..	..	..	276·1	280·3	..	271·2	263·6	..	273·7	..	..	119	..
311	Barkerville	53 2	121 35	1274	..	1010·1	..	267·0	276·3	23rd	261·6	244·1	1st	264·3	—1·2	*264·3*	84	+15
312	Kamloops	50 41	120 29	380	..	1015·2	— 5·4	272·6	283·7	29th	265·7	250·6	2nd	269·1	+0·2	*269·1*	6	—18
313	Calgary	51 2	114 2	1033	..	1012·3	— 7·7	272·4	283·0	30th	261·4	246·3	..	266·9	+4·6	*266·9*	5	— 6
314	Fort Chipewyan	58 42	111 10	218	983·9	1012·7	..	261·4	274·1	30th	250·5	241·9	18th	256·0	..	*255·7*	8	..
315	Prince Albert	51 10	106 0	437	..	1012·8	— 5·5	263·0	271·6	31st	253·4	229·9	3rd	258·2	+4·8	*258·4*	21	— 1
316	Qu'Appelle	50 30	103 47	645	..	1014·5	— 3·8	264·7	276·3	25th	255·2	232·4	3rd	260·0	+3·7	*260·2*	4	— 9
317	Minnedosa	50 15	99 50	515	..	1017·3	..	263·6	273·0	22nd	253·6	235·1	4th	258·6	+3·7	*258·9*	1	—21
318	Berens River	52 18	97 23	216	..	..	..	261·6	270·2	27th	249·2	235·8	4th	255·4	..	*255·8*	0	..
318a	York Factory	57 0	92 28	11	1014·9	1016·4	— 0·4	..	266·3	31st	244·3	233·0	24th	..	..	*249·6*	..	..
319	Fort Hope	51 32	87 48	? 270	985·6	1021·8	..	259·6	270·8	15th	248·0	235·8	13th	253·8	+2·2	..	5	—15
320	Moose Factory	51 16	80 56	9	1016·7	1017·9	..	261·5	273·6	17th	250·1	234·7	3rd	255·8	+2·8	..	48	+22
321																		
322																		
323	Hebron	58 12	62 21	15·0	1006·7	1008·7	+ 1·3	259·5	272·0	..	254·1	246·6	..	256·8	+4·0	..	..	..
324	Nain	56 33	61 41	4·2	1009·8	1010·3	+ 2·7	260·4	274·3	..	253·7	244·6	..	257·1	+4·3	..	..	..
325																		
326	Point Riche	50 42	57 25	10·7	..	..	..	..	279·1	30th	..	249·7	14th	266·5	+4·2	..	52	—21
327																		
328																		
329																		
330																		
331																		
332																		
333																		
334	Valencia	51 56	10 15	13·7	1009·6	1011·2	— 2·7	281·6	285·2	9th	277·6	271·3	27th	279·6	—0·4	279·6	115	—37
335	Aberdeen	57 10	2 6	27·4	999·0	1002·4	— 8·4	277·7	285·8	2nd	272·4	259·1	28th	275·1	—1·1	275·0	46	— 9
336	Greenwich	51 28	W 0 0	48	1005·8	1011·8	— 3·7	279·7	285·8	2nd	274·9	266·3	27th	277·3	+0·7	277·4	44	— 4
337	Uccle	50 48	E 4 22	100	1000·4	1012·9	— 4·1	278·8	283·8	10th	274·0	267·9	26th	276·4	+1·6	276·4	75	+11
338	De Bilt	52 6	5 11	3·0	1010·1	1010·5	— 7·4	279·1	283·6	17th	273·8	264·8	28th	276·5	+1·5	276·5	60	+13
338a	Hamburg	53 33	9 59	26·0	1005·6	1008·8	— 8·8	277·6	282·9	10th	273·6	263·3	28th	275·6	+2·4	275·4	72	+24
339	Copenhagen	55 41	12 36	5·0	1005·2	1005·9	— 9·2	276·4	281·5	11th	272·6	266·9	28th	274·5	+2·3	*274·7*	56	+16
340	Potsdam	52 23	13 4	84·9	1000·4	1011·1	— 6·2	276·9	282·6	10th	272·2	264·0	28th	274·6	+2·1	274·6	39	— 2
340a	Upsala	59 51	17 38	24·0	998·8	1001·8	—11·1	272·5	279·1	10th	266·3	254·8	27th	269·4	+0·9	269·9	35	+ 3
341	Warsaw	52 15	21 1	127	995·6	1011·6	— 7·2	275·2	279·5	4th	274·6	263·6	27th	274·9	+6·8	*273·4*	32	+ 3
342	Jurjev	58 23	26 43	74·5	996·4	1005·9	—10·1	271·6	276·6	11th	266·6	253·1	7th	269·1	+6·6	269·2	33	— 2
343	Petrograd	59 56	30 16	4·8	..	1005·5	—10·1	..	276	..	..	247	..	..	+3·9	*267·5*	47	+24
344	Kiev	50 27	30 30	183·1	990·4	1013·6	— 7·6	272·2	277·5	13th	266·6	247·4	9th	269·4	+3·1	269·7	69	+40
344a	Moscow	55 45	37 34	156	991·9	1011·9	— 8·7	268·8	275·8	11th	262·2	240·5	7th	265·5	+5·9	265·8	60	+30
345	Saratov	51 32	46 3	59·9	..	1017·9	— 4·3	..	275	..	..	248	..	..	+3·3	*264·9*	24	0
346	Kazan	55 47	49 8	79·8	1006·2	1016·7	— 6·4	..	275·2	14th	..	244·1	9th	..	+4·2	*263·1*	34	+20
347	Orenburg	51 45	55 6	114·1	..	1021·2	— 5·4	..	273	..	..	249	..	..	+5·8	*262·9*	34	+7
348	Perm	58 1	56 15	163·0	..	1017·1	— 3·2	..	272	..	..	241	..	..	+4·1	*260·9*	50	+35
349	Ekaterinburg	56 50	60 38	288·9	..	1020·2	— 3·7	..	271	..	..	242	..	..	+3·1	*259·4*	29	+21
350	Tobolsk	58 12	68 14	108·3	..	..	..	..	..	..	..	..	..	..	..	..	..	..
351	Akmolinsk	51 12	71 23	? 347	..	..	..	..	..	..	..	..	..	..	..	..	..	..
352	Omsk	54 58	73 23	90	..	..	..	..	..	..	..	..	..	..	..	..	..	..
353	Barnaoul	53 20	83 47	162·2	..	..	..	..	..	..	..	..	..	..	..	..	..	..
354	Tomsk	56 30	84 58	121·6	..	..	..	..	..	..	..	..	..	..	..	..	..	..
355	Minousinsk	53 43	91 41	? 245	..	..	..	..	..	..	..	..	..	..	..	..	..	..
356	Eniseisk	58 27	92 11	84·4	..	..	..	..	..	..	..	..	..	..	..	..	..	..
357	Irkutsk	52 16	104 19	467·0	..	..	..	..	..	..	..	..	..	..	..	..	..	..
358	Kirensk	57 47	108 7	? 263	..	..	..	..	..	..	..	..	..	..	..	..	..	..
359	Tchita	52 2	113 30	663·7	..	..	..	..	..	..	..	..	..	..	..	..	..	..
360	Blagoveshchensk Priisk	58 10	114 17	? 490	..	..	..	..	..	..	..	..	..	..	..	..	..	..
360a	Nertchinsk	51 59	116 35	484·3	..	..	..	..	..	..	..	..	..	..	..	..	..	..
361	Tygan Ourkan	54 5	124 46	? 370	..	..	..	..	258·0	21st	240·8	233·4	5th	..	..	*247·0*	4	..
362	Blagoveshchensk	50 15	127 38	133·6	..	..	..	..	..	..	..	..	..	..	..	..	..	..
363	Paikanskii Sklad	50 11	130 7	? 168	..	..	..	..	263·6	1st	235·8	223·8	12th	..	..	*241·3*	..	..
364																		
365	Nikolaevsk-sur-Amour	53 8	140 45	21·2	..	..	..	..	..	..	..	..	..	..	..	..	..	..
366	Okhotsk	59 21	143 17	6·0	..	..	..	..	..	..	..	..	..	..	..	..	..	..
367																		
368	Petropavlovsk Phare	52 53 N.	158 47 E.	87·1	..	..	..	..	..	..	..	..	..	..	..	..	..	..
369																		
370																		
371																		
372		° ′	° ′	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.

* Mean of max. and min. or of observations at fixed hours. † Computed means for the 24 hours are in *italics*.

Table representing the Meteorology of the Globe between Latitude 50° N. and 40° N. JANUARY—ZONE 4.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure: Mean at Level of Station.	Pressure: Mean at M.S.L.	Pressure: Diff. from Normal.	Temperature: Mean Max.	Temperature: Absolute Max.	Temperature: Date.	Temperature: Mean Min.	Temperature: Absolute Min.	Temperature: Date.	Temperature: *Mean.	Temperature: Diff. from Normal.	Temperature: †24 hr. Mean.	Precipitation: Total.	Precipitation: Diff. from Normal.
		° ′ N.	° ′ W.	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.
411	Victoria, B.C.	48 24	123 19	25·9	1011·9	1015·1	—2·1	278·9	283·7	23rd	274·6	268·4	3rd	276·8	—0·9	276·8	115	0
412	Portland, Oregon	45 32	122 41	46·6	1012·9	1018·6	0·0	278·7	284·7	23rd	273·4	266·9	5th	276·1	—1·1	*275·8*	159	— 8
413	Macleod	49 44	113 24	954	..	..	..	274·4	286·9	24th	264·1	248·6	1st	269·3	+4·0	*269·3*	9	— 2
414	Helena	46 34	112 4	1253	872·8	1020·6	—0·3	270·6	284·7	31st	261·4	243·6	3rd	266·0	—0·3	*266·0*	20	— 3
414a	Salt Lake City	40 46	111 54	1329	870·0	1022·0	+1·0	275·4	286·3	23rd	266·8	255·8	5th	271·1	—0·2	*270·9*	25	— 9
415	Cheyenne	41 8	104 48	1856	810·6	1019·6	+2·0	276·1	287·4	24th	264·2	249·7	3rd	270·1	+0·5	*269·9*	7	— 3
416	North Platte	41 8	100 45	859	918·7	1022·3	+2·4	273·4	286·9	31st	261·7	250·2	5th	267·6	+0·4	*267·3*	9	— 3
416a	Bismarck	46 47	100 38	510·6	956·9	1021·0	+0·7	266·9	280·2	31st	254·0	241·9	3rd	260·5	+1·3	*260·8*	14	+ 1
417	Winnipeg	49 53	97 7	231·6	..	1018·9	—1·7	262·9	273·0	31st	253·4	235·1	4th	258·2	+4·4	259·1	6	—19
418	Duluth	46 47	92 6	345·1	975·4	1018·9	0·0	267·0	273·6	19th	258·3	245·8	3rd	262·7	+1·8	*262·8*	20	— 5
419	Port Arthur	48 27	89 12	196·3	..	1018·6	—0·3	267·2	274·7	20th	255·4	243·0	4th	261·3	+2·2	*261·3*	18	0
420	Chicago	41 53	87 37	250·8	987·9	1019·3	0·0	272·8	280·8	26th	266·2	252·4	7th	269·5	+1·2	*269·6*	78	+ 27
421	Toronto	43 40	79 24	106·7	1004·6	1018·3	+0·4	272·9	278·1	18th, 20th	265·8	251·3	4th	269·4	+1·5	269·2	89	+ 18
422	New York	40 43	74 0	95·7	1007·4	1019·3	0·0	276·8	283·6	21st	269·7	258·0	5th	273·2	+1·2	272·6	142	+ 46
423	St. John, N.B.	45 17	66 4	21·3	..	1018·6	+2·3	274·1	284·4	22nd	266·4	250·9	5th	270·2	+4·0	*270·4*	137	+ 22
424	S. W. Point, Anticosti	49 24	63 35	9·1	1012·8	1014·0	+1·3	275·2	281·3	..	260·9	246·6	..	268·1	+5·7	..	75	+ 21
425	Sable Island (Main Station)	43 57	60 6	7·6	1018·6	1019·6	..	277·0	281·9	..	272·1	262·2	..	274·6	+1·9	..	152	+ 11
426	St. Johns, Newfoundland	47 34	52 42	38·1	..	1014·5	+2·8	275·1	285·2	30th	268·8	258·6	14th	272·0	+3·3	..	96	— 64
435	Madrid	40 24	3 41	655·4	947·1	1026·0	+4·1	283·5	289·1	19th	271·6	264·4	24th	277·6	—0·4	277·1	3	— 31
436	Nantes	47 15	W 1 34	41·4	1013·4	1018·5	—0·3	281·5	285·5	9th	276·3	269·3	31st	278·9	+0·8	*278·6*	110	+ 52
437	Paris (Parc St. Maur)	48 49	E 2 29	50·3	1010·0	1016·3	—2·0	279·7	285·8	15th	274·0	266·9	27th	276·9	+1·5	276·8	74	+ 38
438	Marseilles	43 18	5 23	75	1007·2	1016·5	—0·5	284·6	289·0	16th	275·2	270·7	15th	279·9	—0·1	*279·2*	2	— 36
438a	Zürich	47 23	8 33	493·2	958·6	1018·9	—2·9	277·2	283·6	11th	270·8	263·2	28th	274·0	+2·3	273·8	176	+127
439	Rome	41 54	12 29	63·4	..	1014·0	—3·1	285·0	288	sev. dates	278·0	272	9th	281·5	+1·2	*281·1*	48	— 31
440	Vienna	48 15	16 22	202·5	990·5	1015·7	—4·9	275·8	281·9	17th	272·0	266·0	27th	273·9	+3·5	274·0	41	+ 4
440a	Buda-Peath	47 30	19 2	112·5	1001·0	1015·1	—6·6	276·4	280·0	18th	272·6	266·2	27th	274·5	+3·6	*274·3*	57	+ 18
441	Bucharest	44 25	26 6	82	1005·5	1015·9	—5·3	277·2	283·8	13th	269·9	259·0	9th	273·6	+3·8	*272·9*	19	— 12
442																		
443	Odessa (University)	46 29	30 46	65·3	1006·8	1015·1	—6·8	274·8	280·5	23rd	269·7	250·5	9th	272·3	+3·1	*272·3*	52	+ 28
444	Kharkov (University)	50 0	36 14	140	..	1015·1	—6·6	..	276	..	..	244	..	268·8	+4·1	268·7	50	+ 25
444a	Novorossiisk	44 40	37 49	37	..	1015·8	—4·4	..	286	..	..	261	..	277·0	+2·2	*276·9*	97	— 8
445	Tiflis	41 43	44 48	409	..	1018·7	—4·9	..	287	..	..	265	..	275·9	+2·7	*275·8*	7	— 8
446	Astrakhan	46 21	48 2	—14	..	1019·6	—5·0	..	276	..	..	255	..	270·3	+4·5	*270·1*	22	+ 9
447	Fort Alexandrovsk	44 31	50 16	24	..	..	..	..	..	..	..	..	..	..	..	..	..	..
448	Krasnovodsk	40 0	52 59	—15	..	1017·1	—5·8	..	288	..	..	266	..	279·5	+4·8	*279·4*	..	..
449	Tachkent	41 20	69 18	478·3	..	..	..	..	..	..	..	..	..	..	..	..	..	..
450	Irgiz	48 37	61 16	112	..	..	..	..	..	..	..	..	..	..	..	..	..	..
451	Narynskoe	41 26	76 2	? 2015	..	..	..	..	..	..	..	..	..	..	..	..	..	..
452	Vernyi	43 16	76 53	824·8	..	..	..	..	..	..	..	..	..	..	..	..	..	..
461	Mukden	41 48	123 23	43·8	1020·4	1026·3	—1·5	264·8	277·9	6th	253·2	242·5	31st	259·0	—1·6	258·6	4	0
462	Joshin	40 40	129 11	4·0	1019·1	1019·6	—2·5	272·2	281·1	4th	263·4	254·1	31st	267·8	+0·2	267·4	39	+ 15
463	Vladivostok	43 7	131 54	15·7	..	..	..	..	..	..	..	..	..	..	..	..	..	..
464																		
465	Ochiai (Galkino-Yrasskoe)	47 20	142 44	15·0	1012·2	1014·2	..	266·6	273·4	1st	251·4	237·6	17th	259·0	..	259·6	63	..
466	Nemuro	43 20 N.	145 35 E.	26·7	1019·4	1013·8	+2·7	272·8	278·9	9th	266·8	262·8	16th, 21st	269·8	+2·0	269·7	36	+ 12

Between Latitude 40° N. and 30° N. JANUARY—ZONE 5 (Western Half).

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure: Mean at Level of Station.	Pressure: Mean at M.S.L.	Pressure: Diff. from Normal.	Temperature: Mean Max.	Temperature: Absolute Max.	Temperature: Date.	Temperature: Mean Min.	Temperature: Absolute Min.	Temperature: Date.	Temperature: *Mean.	Temperature: Diff. from Normal.	Temperature: †24 hr. Mean.	Precipitation: Total.	Precipitation: Diff. from Normal.
		° ′ N.	° ′ W.	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.
511	San Francisco	37 48	122 26	47·2	1015·8	1021·7	+2·0	283·5	288·0	23rd	278·4	275·2	3rd	281·0	—1·7	*280·8*	82	— 38
512	San Luis Obispo	35 18	120 39	61·3	1014·2	1022·0	+3·0	287·7	297·4	11th	277·3	271·3	6th	282·5	—1·1	*282·3*	88	— 30
513	Modena	37 48	113 54	1670	834·7	1021·3	+2·0	275·9	286·3	23rd	262·8	244·7	6th	269·4	—1·2	*269·2*	38	+ 20
514	San Diego	32 43	117 10	26·5	1016·8	1020·0	+1·7	288·6	297·4	22nd	279·8	274·1	6th	284·2	—1·0	*284·0*	51	0
515	Santa Fé	35 41	105 57	2138	787·6	1021·7	+4·4	277·7	286·3	24th	266·2	251·3	6th	272·0	+0·8	*271·7*	19	+ 5
516	Denver	39 45	105 0	1613	836·3	1019·3	+1·7	279·2	290·8	24th	266·4	251·3	5th	272·8	+1·4	*272·5*	4	— 7
517	Abilene	32 23	99 40	529·6	959·2	1021·7	+2·7	288·5	300·8	1st	274·9	264·7	6th	281·7	+2·8	*281·5*	9	— 14
518	Saint Louis	38 38	90 12	172·8	999·2	1020·3	—0·3	277·4	289·1	1st	269·3	256·9	6th	273·4	+0·9	*273·3*	69	+ 11
519	Mobile	30 41	88 2	17·4	1020·5	1022·7	+1·7	289·6	296·3	18th	279·1	269·7	7th	284·4	+1·4	*284·1*	67	— 56
520	Nashville	36 10	86 47	166·4	1002·1	1022·3	+1·0	282·3	293·6	26th	271·8	259·1	7th	277·1	+0·8	*276·9*	88	— 35
521	Charleston	32 47	79 56	14·6	1020·5	1022·3	+1·4	287·2	296·3	3rd	277·7	271·3	22nd	282·5	—0·2	*282·3*	35	— 52
522	Washington	38 54	77 3	34·1	1016·0	1020·3	0·0	278·0	287·4	18th	269·9	261·3	11th	273·9	+0·4	*273·8*	112	+ 27
523																		
524	Bermuda	32 17	64 30	46·0	..	1024·7	+3·6	291·7	294·3	8th	286·4	282·9	1st	289·1	—0·9	..	240	+116
531	Horta	38 32	28 38	30	..	1026·8	+4·2	289·6	291	sev. dates	286·2	283	30th	287·9	+0·2	..	30	— 41
532	Ponta Delgada	37 45	25 41	17	1026·1	1028·1	+6·2	289·0	291·1	8th	285·0	281·9	30th	287·0	—0·1	..	24	— 82
533	Madeira (Funchal)	32 38	16 55	25	1023·3	1026·3	+4·5	291·4	293·6	1st	282·4	281·1	15th	286·9	—0·4	*287·8*	24	— 79
534	Lisbon	38 43	9 9	95	1014·5	1026·2	+4·5	286·1	288·3	24th	280·6	277·0	11th	283·4	0·0	*283·3*	30	— 60
535	Casablanca	33 37	7 35	? 17	1023·3	1025·3	..	288·8	290·8	..	282·3	277·7	..	285·6	—0·3	*284·7*	22	— 22
536	Gibraltar	36 6	5 21	16·2	1020·4	1022·3	+2·8	290·1	294·1	1st	..	..	..	..	—0·4	*285·3*	39	— 82
		° ′ N.	° ′ W.	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.

* Mean of max. and min. or of observations at fixed hours. Computed means for the 24 hours are in *italics*.

JANUARY—ZONE 5 (Eastern Half).

Table representing the Meteorology of the Globe between Latitude 40° N. and 30° N.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure: Mean at Level of Station.	Pressure: Mean at M.S.L.	Pressure: Diff. from Normal.	Temperature: Mean Max.	Temperature: Absolute Max.	Temperature: Date.	Temperature: Mean Min.	Temperature: Absolute Min.	Temperature: Date.	Temperature: *Mean.	Temperature: Diff. from Normal.	Temperature: †24 hr. Mean.	Precipitation: Total.	Precipitation: Diff. from Normal.
		° N.	° E.	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.
537	Algiers	36 47	3 4	38·5	1016·9	1021·6	+ 1·7	289·0	293·6	28th	282·0	278·4	24th	285·5	−0·3	*284·9*	100	− 4
538	Palma	39 33	2 42	23	1017·9	1020·7	+ 2·7	289·2	292·8	6th, 20th	279·4	278·0	5, 23, 24	284·3	+ 1·5	..	18	− 19
538a	Tunis	36 48	10 10	43	..	1019·5	− 0·1	288·5	294	29th, 30th	278·7	276	sev. dates	283·6	+0·1	..	85	+ 39
539	Malta	35 54	14 31	59	..	1018·0	+ 0·4	287·5	291	30th, 31st	283·7	279	24th	285·6	+ 0·4	..	128	+ 43
540	Catania	37 30	15 3	64·9	1008·0	1015·9	− 1·5	287·3	292·0	20th	280·0	276·9	24th	283·7	+0·5	..	33	− 62
541	Athens	37 58	23 43	107·1	..	1016·0	− 2·7	285·0	290	20, 21, 27	278·9	272	9th	282·0	+ 0·4	*281·8*	130	+ 75
542	Alexandria	31 9	29 54	32·0	..	1018·4	− 0·5	291·1	295	28th	282·4	279	13th, 16th	286·8	− 0·4	*286·8*	86	+ 27
543	Cairo (Helwan)	29 52	31 20	115·6	..	1019·4	− 0·8	291·1	297	31st	280·4	275	13th	285·8	+0·2	285·2	4	− 8
544	Nicosia	35 12	33 24	152	..	1015·9	− 2·0	287·6	291·3	24, 25, 26	276·6	269·7	13th	282·1	0·0	*282·7*	91	+ 25
544a	Beirut	33 54	35 28	52·4	..	1017·5	− 0·3	289·2	292	23rd	282·8	277	12th	286·0	−0·2	..	197	− 12
545	Baghdad	33 21	44 28	38·7	1015·0	1019·7	− 0·8	289·3	295·9	31st	278·5	271·6	11th	283·9	+ 1·3	..	34	+ 8
546	Lenkoran	38 46	48 52	−19	..	..	..	..	..	..	..	..	..	..	..	..	..	..
547	Busrah	30 31	47 53	7·6	1019·6	1020·4	− 2·0	288·6	292·2	26th	281·2	275·5	14th	284·9	+ 1·1	..	57	+ 27
548	Meshed	36 16	59 35	946	905·8	1017·4	..	283·2	289·9	31st	265·8	254·0	15th	274·5	+ 1·0	..	37	+ 18
549	Quetta	30 11	67 3	1677	833·6	..	− 1·0	281·6	289·2	8th	269·4	256·9	17th	275·5	−2·1	*275·1*	44	− 5
550																		
551	Lahore	31 34	74 20	214	991·4	1017·7	− 1·2	292·1	298·2	15th	278·5	276·4	4th, 27th	285·3	−0·4	*284·2*	37	+ 10
551a	Simla	31 7	77 8	2205	780·4	..	− 0·7	281·7	287·8	15th	275·3	271·9	9th	278·5	+ 1·4	*278·1*	45	− 22
552	Leh	34 10	77 42	3503	664·4	..	− 0·4	272·1	276·1	22nd, 23rd	258·9	255·5	11th	265·5	−0·4	*264·4*	8	− 1
552a	Dehra Dun	30 20	78 0	681	937·6	1017·5	− 1·3	292·6	298·0	16th	279·7	277·4	19th	286·2	+ 0·1	*284·7*	44	− 14
559	Hang Kow	30 35	114 17	37·0	1021·8	1026·4	− 1·1	279·4	287·0	26th	273·5	266·3	21st	276·5	− 1·4	*276·1*	91	+ 38
560	Tiensin	39 10	117 10	5·0	1026·2	1026·9	− 1·6	273·7	282·6	6th, 8th	263·4	257·5	30th	268·6	−0·7	..	1	− 4
561	Shanghai (Zi-Ka-Wei)	31 12	121 26	7	1023·4	1024·2	− 1·3	279·9	291·0	28th	273·1	265·6	31st	276·5	−0·2	276·0	133	+ 76
562	Jinsen (Chemulpo)	37 29	126 32	67·0	1013·9	1022·6	− 2·2	274·4	281·4	5th	267·6	254·3	31st	271·0	+0·4	270·6	19	− 8
562a	Nagasaki	32 44	129 52	133·0	1003·1	1019·5	− 2·3	283·3	290·3	28th	276·8	268·5	31st	280·0	+0·8	279·6	196	+118
563	Kioto	35 1	135 46	49·4	1011·8	1018·0	− 1·6	283·3	290·3	1st	272·4	267·2	18th	277·8	+ 2·0	277·4	102	+ 45
564	Tokio	35 41	139 45	21·3	1012·8	1015·4	− 0·9	281·4	291·2	1st	273·7	269·4	27th	277·6	+ 1·4	277·2	120	+ 65
565	Miyako	39 38	141 59	30·4	1011·8	1015·6	+ 0·6	279·4	290·9	1st	269·9	262·2	25th	274·7	+ 1·5	273·9	142	+ 75
566		N.	E.															

JANUARY—ZONE 6.

Between Latitude 30° N. and 20° N.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure: Mean at Level of Station.	Pressure: Mean at M.S.L.	Pressure: Diff. from Normal.	Temperature: Mean Max.	Temperature: Absolute Max.	Temperature: Date.	Temperature: Mean Min.	Temperature: Absolute Min.	Temperature: Date.	Temperature: *Mean.	Temperature: Diff. from Normal.	Temperature: †24 hr. Mean.	Precipitation: Total.	Precipitation: Diff. from Normal.
		° N.	° W.	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.
605	Honolulu	21 19	157 52	11·6	1017·4	1018·8	+ 2·6	296·6	299·7	..	291·1	288·0	..	293·9	−0·5	..	122	+ 24
606																		
615	Zacatecas	22 47	102 33	2610	748·3	..	..	287·1	291·0	2nd	278·0	273·6	21st	282·6	..	..	0	..
616	Leon	21 7	101 41	1798·6	824·4	..	+ 0·1	293·9	296·4	27th	276·7	270·9	22nd	285·3	− 1·4	..	0	− 8
617	Galveston	29 18	94 50	16·5	1020·7	1022·7	+ 2·4	289·0	294·7	26th	282·8	271·9	7th	285·9	+ 1·4	*285·9*	52	− 40
618	New Orleans	29 58	90 4	15·6	1020·7	1022·7	+ 2·4	291·1	297·4	sev. dates	280·7	270·2	7th	285·9	+ 1·2	*285·6*	68	− 50
619	Havana	23 8	82 22	24·3	..	1020·8	+ 2·1	296·1	299·9	7th	290·1	285·5	26th	293·1	−0·7	*293·0*	32	− 33
620	Key West	24 33	81 48	6·7	1020·4	1021·0	+ 1·7	295·7	299·7	7th	289·9	285·8	1st	292·8	−0·6	*292·7*	16	− 35
621	Nassau, Bahamas	25 5	77 21	7·6	1020·1	1021·0	+ 1·7	296·0	298·6	6, 7, 15	291·2	287·7	25th	293·6	− 1·3	..	10	− 46
622																		
633	Puerto de Orotava	28 25	16 32	? 100	..	..	..	292·2	297·8	..	285·2	283·7	..	288·7	−0·5	..	22	− 68
634	Las Palmas, Canary Islands	28 7	W15 26	7	1022·6	1023·4	+ 2·4	294·4	298·0	1st *	287·7	285·8	15th	291·1	+0·4	..	145	+101
637	Insalah	27 17	E 2 27	330	985·7	1025·5	+ 0·6	292·9	300·6	29th	276·1	272·0	17th	284·5	−0·8	*283·9*	4	..
638																		
641	Dakhla Oasis	25 30	29 0	130·0	..	1023·1	+ 0·3	294·6	300	23rd, 31st	277·6	275	13th, 28th	286·1	−0·6	*287·1*	..	..
642	Wadi Halfa	21 55	31 20	128·3	..	1019·6	− 0·3	295·8	302	24th	279·5	274	21st	287·6	− 1·2	*287·6*	..	..
643	Suez	29 57	32 32	3·4	..	1019·0	+ 0·5	292·1	295	3rd	281·4	275	13th	286·8	+0·4	..	1	− 7
644	Aswan	24 2	32 53	99·6	..	1019·6	0·0	296·3	299	25th	282·4	281	19th	289·4	− 0·1	*289·1*	..	..
647	Bushire	28 59	50 53	4	1017·4	1017·9	− 1·6	290·6	295·9	7th	283·2	276·9	14th	286·9	−0·5	..	73	+ 5
648	Jask	25 44	57 47	4	1016·4	1017·0	− 2·2	295·8	299·8	10th	288·8	279·3	14th	292·3	−0·2	..	11	− 9
649	Kurrachee	24 53	66 57	4	1016·2	1016·7	− 1·3	296·8	301·3	10th	287·2	279·1	15th	292·0	−0·2	*291·8*	9	− 7
650	Hyderabad, Sind	25 24	68 18	29	1013·4	1016·9	− 1·4	297·2	300·2	8th, 31st	282·8	275·8	16th	290·0	−0·7	..	2	− 4
651	Jaipur	26 56	75 52	436	966·6	1018·5	− 1·0	296·2	302·0	15th	280·8	276·9	18th	288·5	−0·8	*287·7*	5	− 7
652	Nagpur	21 8	79 5	310	979·7	1016·0	− 1·5	301·6	303·9	15th	285·9	281·2	19th	293·8	−0·1	*293·4*	0	− 9
653	Allahabad	25 25	81 51	94	1005·6	1017·0	− 1·0	295·6	300·3	16th	281·0	278·6	28th, 29th	288·3	−0·9	*287·4*	10	− 11
654	Calcutta	22 36	88 23	6	1015·0	1015·7	− 1·4	297·8	299·8	29th	286·3	283·0	21st, 30th	292·1	+0·1	*291·5*	42	+ 32
655	Gauhati	26 8	91 41	59	1009·5	1016·7	..	296·4	299·3	29th	283·9	280·8	20th	290·2	..	..	7	− 3
655a	Cherrapunji	25 15	91 42	1314	867·7	..	..	288·1	291·2	2nd, 29th	?	?	?	?	..	..	7	− 7
656	Shillong	25 33	91 48	1500	849·8	..	..	287·8	291·8	28th, 29th	275·6	272·3	20th	281·7	..	..	3	− 7
656a	Akyab	20 11	92 56	6	1013·2	1014·1	− 1·8	298·6	300·2	4 days	287·6	284·9	23rd	293·1	− 1·2	*292·6*	10	+ 3
657	Phu Lien	20 48	106 37	115·6	1002·9	1016·7	− 0·6	294·0	302·5	13th	288·4	283·4	24th	291·2	+0·4	290·6	4	+ 2
658	Moncay	21 31	107 51	10	1016·4	1017·6	− 0·9	292·9	298·7	13th	286·9	277·0	26th	289·9	+0·3	*289·2*	16	− 17
659																	25	− 28
660	Hong Kong	22 18	114 10	33·2	..	1017·9	− 1·6	292·2	298·4	9th	287·3	279·8	25th	289·8	+0·9	289·6	23	− 15
661	Taihoku, Formosa	25 2	121 31	9·3	1018·7	1019·8	− 0·8	292·3	301·2	8th	284·5	278·5	26th	288·4	−0·5	288·0	110	+ 8
662	Naha	26 13	127 41	10·5	1017·5	1018·8	− 0·7	292·9	299·0	8th	286·5	282·1	27th	289·7	+0·3	289·6	120	− 19
		N. °	E. °	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.

* Mean of max. and min. or of observations at fixed hours.

† Computed means for the 24 hours are in *italics*.

Table representing the Meteorology of the Globe between Latitude 20° N. and 10°

JANUARY—ZONE 7.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure: Mean at Level of Station.	Pressure: Mean at M.S.L.	Pressure: Diff. from Normal.	Temperature: Mean Max.	Temperature: Absolute Max.	Temperature: Date.	Temperature: Mean Min.	Temperature: Absolute Min.	Temperature: Date.	Temperature: *Mean.	Temperature: Diff. from Normal.	Temperature: †24 hr. Mean.	Precipitation: Total.	Precipitation: Diff. from Normal.
		° N.	° W.	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.
715	Zapotlanejo	19 38	103 37	..	..	..	..	..	300·0	..	..	274·0	..	..	..	..	0	..
716	Morelia	19 42	101 7	1951	811·3	..	..	294·6	297·6	26th	277·8	274·1	21st	286·2	..	*286·4*	0	..
717	Salina Cruz	16 12	95 12	56·3	1009·2	1015·8	..	..	303·3	20th	..	288·5	23rd	..	..	*296·6*	13	..
718	Mexico	19 26	99 8	2280	781·6	..	+ 1·6	291·6	294·7	26th	276·7	270·2	22nd	284·2	− 1·3	283·9	0	− 3
718a	Oaxaca	17 4	96 44	1563	848·7	..	..	298·5	303·0	18th	279·4	273·6	1st	289·0	..	*288·8*	0	..
719	Belize	19 29	88 12	1·9	..	..	..	..	300·2	..	..	289·1	..	..	..	..	153	− 12
720	San Salvador	13 44	89 9	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
721	Jamaica (Negril Point)	18 15	78 23	10·1	..	1014·9	+ 0·3	301·3	303·9	20th	292·9	289·6	26th	297·1	−0·6	*296·5*	9	− 25
722	Port au Prince	18 34	72 22	37·4	1011·9	1016·2	+ 0·7	302·4	304·5	..	292·6	289·6	..	297·5	−0·9	296·7	25	− 6
723	St. Croix (Christiansted)	17 45	64 42	6·6	1013·4	1014·1	..	299·2	301·3	..	295·1	294·0	..	297·2	..	..	85	..
724	Grenada (Richmond Hill)	12 3	61 45	155·8	995·1	1013·0	− 0·2	301·1	304·7	15th, 17th	295·4	294·1	7, 9, 10	298·2	+0·2	*297·8*	119	+ 8
725	Barbados	13 8	59 36	55·2	..	1013·6	+ 1·3	301·4	302·9	..	295·7	291·1	..	298·6	+0·2	*298·4*	29	− 40
731	St. Vincent, C. Verde Is.	16 54	25 4	11	1013·8	1015·1	+0·1	297·0	298·4	10th	291·8	288·0	4, 5, 8	294·4	−0·3	..	2	− 2
732	San Tiago, C. Verde Is.	14 54	23 31	34	1012·1	1016·1	..	297·7	300·0	9th	293·1	292·0	21st	295·4	+0·2	..	0	− 3
733	Bathurst	13 24	16 36	1·5	..	1012·7	−0·2	301·4	309·1	25th	290·6	286·9	11th, 12th	296·0	−0·2	*295·8*	0	0
734	M'Carthy Island	13 42	14 46	1·1	..	..	..	307·1	311·3	29th	286·4	284·1	27th	296·8	− 1·7	..	0	− 1
735	Ségou	13 34	6 17	272	..	..	..	..	..	..	..	..	..	..	..	..	..	..
736	Timbuctoo	16 43	W 2 52	250	984·8	1013·9	−0·6	301·7	312·2	31st	283·2	275·8	11th	292·4	−2·2	*292·1*	0	..
737	Sokoto	13 2	E 5 14	354	..	..	..	301·9	308·0	31st	287·8	276·9	4th	294·8	− 1·8	..	0	0
738	Kontagora	10 24	5 29	400	..	..	..	306·9	310·8	30th	288·8	284·7	24th	297·8	− 1·1	..	0	0
739	Maiduguri	11 48	13 12	361	..	..	..	304·7	311·3	31st	284·9	281·9	24th	294·8	− 1·5	..	0	0
740	Katagum	12 17	10 22	402	..	..	..	303·8	310·2	31st	284·1	282·4	sev. dates	293·9	− 1·3	..	0	0
742	Kadugli	11 2	29 45	503	..	..	..	..	..	..	..	..	..	..	..	..	..	..
743	El Obeid	13 11	30 14	585	..	1016·2	−0·4	302·6	311	4th	283·4	277	21st	293·0	−0·4	*293·6*	0	0
744	Khartoum	15 37	32 33	390	..	1014·0	+0·2	302·2	309	24th	287·1	282	21st	294·6	−0·5	*294·7*	0	0
746	Aden	12 45	45 3	28·7	1012·9	1016·1	−0·1	299·5	301·8	13th	294·9	292·4	15th, 16th	297·2	−0·6	*296·6*	2	− 8
751	Bombay	18 54	72 49	11·3	1012·6	1013·9	− 1·7	301·7	304·4	29th	292·6	288·8	18th	297·1	+0·1	*296·7*	0	− 2
752	Mysore	12 18	76 40	768	928·3	1015·1	− 1·4	302·0	303·8	11th	288·4	286·3	24th	295·2	+0·2	*294·6*	0	− 4
752a	Kodaikanal	10 13	77 28	2343	770·5	..	− 1·8	290·2	293·6	22nd	280·9	279·1	22nd, 27th	285·6	−0·2	284·8	45	− 37
753	Madras	13 4	80 14	6·7	1013·2	1014·0	− 1·8	303·0	304·7	11th	292·6	290·8	4 days	297·8	+0·3	297·7	5	− 18
754	Waltair	17 45	83 16	68·9	1007·0	1015·0	− 1·7	300·1	301·1	29th, 30th	293·7	292·4	31st	296·9	..	*296·5*	1	− 17
755	Port Blair	11 40	92 40	17·7	1010·0	1011·9	− 1·5	302·4	303·9	12th	296·7	293·6	15th	299·6	−0·7	*299·2*	27	+ 1
756	Rangoon	16 46	95 48	5·5	1012·3	1013·0	−2·0	304·8	306·9	31st	291·6	288·8	5th, 22nd	298·2	+0·4	*297·1*	0	− 2
757	Saigon	10 46	106 42	11·2	1008·8	1010·0	− 1·5	303·7	305·2	10th, 14th	295·1	290·7	27th	299·4	− 0·3	..	14	− 6
758	Nhatrang	12 16	109 12	6·8	1011·9	1012·6	− 1·3	301·9	304·1	8, 17, 19	294·6	290·1	27th	298·3	+0·5	..	32	− 27
759	Bolinao	16 24	119 53	8·5	..	1010·9	− 1·6	302·3	305·2	10th	294·4	291·8	18th	298·4	−0·7	298·2	1	− 9
760	Vigan	17 34	120 23	20	..	1011·4	− 1·5	304·0	307·6	3rd	294·2	290·7	26th	299·1	+0·1	298·5	0	0
761	Manila	14 35	120 59	14·2	..	1011·2	− 1·2	303·6	305·8	10th	293·0	290·4	30th	298·3	−0·6	297·4	6	− 21
762	Ormoc	11 0	124 36	5·6	..	1009·2	− 1·8	303·2	305·5	13th	294·7	292·0	22nd	299·0	+0·2	298·3	127	− 50
765	Guam, Ladrone Is.	13 24	144 38	20·4	..	1008·9	−0·7	301·6	303·0	26th	297·2	296·0	5th	299·4	+0·5	..	63	+ 5
		N.	E.															

Between Latitude 10° N. and 0°.

JANUARY—ZONE 8.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure: Mean at Level of Station.	Pressure: Mean at M.S.L.	Pressure: Diff. from Normal.	Temperature: Mean Max.	Temperature: Absolute Max.	Temperature: Date.	Temperature: Mean Min.	Temperature: Absolute Min.	Temperature: Date.	Temperature: *Mean.	Temperature: Diff. from Normal.	Temperature: †24 hr. Mean.	Precipitation: Total.	Precipitation: Diff. from Normal.
		° N.	° W.	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.
805	Fanning Island	3 55	159 23	4·3	..	..	..	302·3	303·8	3rd	297·1	296·3	27th, 29th	299·7	−0·5	*298·9*	23	−324
819	Culebra	9 10	79 40	52·4	..	1011·8	+0·7	301·9	303·0	13th	294·1	289·7	27th	298·0	−0·8	..	33	− 14
823	El Peru, Guayanavieja	7 30	62 0	? 300	..	..	..	302·1	303·7	17th	292·6	289·4	3rd	297·3	..	..	154	..
825	Georgetown, Brit. Guiana	6 50	58 12	1·8	1012·1	1012·3	0·0	301·6	302·5	4th	296·7	294·7	4th	299·2	−0·1	..	205	− 12
826	Paramaribo	5 49	55 9	4	1012·6	1013·0	+0·3	302·0	303·7	31st	295·6	293·3	2nd	298·8	+0·1	*298·3*	379	+154
826a	Cayenne	4 56	52 21	6	..	..	..	301·9	303·6	26th	295·9	294·6	20th	298·9	−0·1	*298·8*	431	+ 66
833	Conakry	9 31	13 43	16	1008·3	1010·1	−0·8	302·2	304·0	..	294·4	292·2	..	298·3	−1·1	*298·2*	0	0
834	Sierra Leone	8 30	13 9	68·3	1002·9	1010·8	+0·1	304·5	306·9	25th	294·8	291·9	19th	299·7	−0·8	..	0	− 11
835	Cape Coast Castle	5 5	1 13	..	..	..	..	302·8	304·7	12th	295·2	292·4	11th	299·0	−0·8	..	0	− 23
836	Accra	5 35	W 0 6	18	..	..	..	..	..	..	..	..	..	..	..	..	0	− 18
837	Lagos	6 27	E 3 24	7·6	..	1009·2	−0·7	303·5	305·2	..	295·3	291·3	..	299·4	−0·8	..	10	− 21
838	Zungeru	9 48	6 10	130	..	1010·6	−0·6	307·2	311·9	31st	290·5	286·9	25th	298·8	−0·9	..	0	− 1
838a	Libreville	0 23	9 26	35	..	..	..	304·5	307·3	7th	293·6	293·0	sev. dates	299·1	−0·4	..	260	− 9
839	Yola	9 12	12 30	259	..	..	..	306·1	310·8	29th	291·9	289·1	8th, 17th	299·0	−0·6	..	0	0
841	Kafia Kingi	9 22	24 18	596	..	..	..	..	..	..	..	..	..	..	..	..	..	..
842	Wau	7 42	28 3	440	..	1010·7	..	307·8	312·0	25th	289·4	285·5	20, 21, 23	298·6	..	..	0	− 2
843	Entebbe	0 5	32 29	1177	882·0	..	−0·9	299·9	301·6	22nd	289·4	287·4	9th	294·7	−0·5	*294·1*	203	+132
844	Nandi	0 2	35 5	2010	..	..	..	..	..	..	..	..	..	..	..	..	26	− 25
845	Harrar	9 42	42 30	1856	..	..	..	298·9	301·0	19th, 21st	285·7	283·0	9th	292·3	..	..	0	..
851	Cothin	10 0	76 21	2·7	1011·7	1011·9	−1·6	305·5	307·6	6th	295·1	293·6	21st	300·3	+0·5	*299·9*	0	− 16
852	Colombo Observatory	6 54	79 53	7·3	1008·4	1009·2	−1·2	304·1	307·6	30th	294·5	291·7	18th	299·3	0·0	*298·9*	24	−119
853	Candy	7 18	80 40	504·5	..	..	..	300·7	303·6	29th	292·7	289·7	19th	296·7	+0·6	..	60	− 58
855	Medan	3 35	98 41	23·5	..	1010·0	−1·2	..	..	..	..	..	..	..	..	..	90	− 41
856	Kota Radja	5 32	95 20	7·1	..	1010·3	−0·9	..	..	..	..	..	..	..	..	..	101	− 39
857	Penang	5 34	100 20	4·9	1008·3	1008·8	−1·7	305·2	306·3	13, 16, 17	294·2	294·1	sev. dates	299·7	−0·8	..	65	− 43
858	Singapore	1 17	103 51	2·2	1008·8	1009·0	−1·0	303·8	305·2	15th	295·9	295·2	sev. dates	299·8	+0·8	..	141	−100
860	Sandakan	5 49	118 12	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
861	Tagbilaran	9 38	123 51	26·2	..	1007·8	−2·7	303·6	304·9	5th, 9th	295·8	294·5	5th	299·7	+0·7	299·4	163	+ 79
862	Surigao	9 48	125 29	6	..	1008·8	−1·5	301·7	303·4	5th	296·2	294·7	21st	299·0	−0·3	298·4	616	+282
863	Yap	9 29	138 8	31·9	..	1006·4	−1·5	304·5	306·3	27th	297·2	295·8	26th	300·9	+0·9	..	172	+ 45
869	Uyelang	9 42	161 3	<10	1007·9	..	−1·7	..	..	..	..	..	..	..	..	..	93	+ 32
		N. °	E. °	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.

* Mean of max. and min. or of observations at fixed hours.

† Computed means for the 24 hours are in *italics*.

JANUARY—ZONE 9.

Table representing the Meteorology of the Globe between Latitude 0° and 10° S.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure: Mean at Level of Station.	Pressure: Mean at M.S.L.	Pressure: Diff. from Normal.	Temperature: Mean Max.	Temperature: Absolute Max.	Temperature: Date.	Temperature: Mean Min.	Temperature: Absolute Min.	Temperature: Date.	Temperature: *Mean.	Temperature: Diff. from Normal.	Temperature: †24 hr. Mean.	Precipitation: Total.	Precipitation: Diff. from Normal.
		° ′ S.	° ′ W.	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.
905	Malden Island	3 59	155 0	8·8	1007·9	1008·9	−0·2	304·1	304·7	5, 16, 31	296·2	294·7	25, 30, 31	300·2	−1·0	*299·5*	4	− 59
906																		
923	Manaos	3 8	59 59	44·9	1002·4	1007·5	..	304·7	307·6	3rd	296·6	294·8	1st	300·7	..	..	225	+ 7
929	Quixeramobim	5 16	39 18	207·0	987·5	1011·0	+0·8	304·5	305·8	15th	297·7	294·1	7th	301·1	−0·8	*300·5*	122	..
930	Fernando Noronha	3 51	W32 25	95	..	..	..	..	..	..	..	..	..	..	..	..	..	..
939	Sainte-Croix-des-Eshiras	1 44	E10 21	195	..	..	..	305·4	307·5	30th	293·8	292·0	5th	299·6	−0·4	..	351	+126
940	Loango	4 38	11 45	? 50	..	..	..	302·8	304·4	12, 18, 22	296·5	293·5	5th	299·7	..	*299·2*	215	..
943	Daressalam	6 49	39 18	7·6	1008·9	1009·7	−1·6	301·4	303·0	14th	296·8	294·1	17th	299·1	−1·6	299·2	155	+ 67
944	Nairobi	1 18	36 59	1660	..	..	..	296·8	299·1	20th	283·6	278·3	11th	290·2	−0·6	..	54	+ 17
944*a*	Zanzibar	6 10	39 11	21·9	1009·5	1011·9	−0·9	302·3	304·2	14th	298·6	296·7	15th	300·4	−0·8	*300·5*	120	+ 34
945																		
946	Lamu	2 16	40 54	3·0	..	..	..	..	..	..	..	..	..	..	..	..	0	0
947	Seychelles	4 37	55 27	4·6	1010·0	1010·5	−0·8	301·2	302·4	..	297·9	296·5	..	299·6	+0·1	*298·9*	357	− 46
948																		
955																		
956	Padang	0 56	100 22	6·7	..	1010·7	−0·6	..	..	..	..	..	..	..	..	..	319	− 26
957	Batavia	6 11	106 50	8	..	1008·3	−1·7	302·3	304·2	21st	296·6	295·3	26th	299·4	+0·5	299·0	225	−105
958	Pontianak	0 1	109 20	2·6	..	1007·8	−1·7	..	..	..	..	..	..	..	..	..	233	− 33
959	Passeroean	7 39	112 56	5·0	1007·1	1007·7	−1·1	304·3	306·0	..	296·8	295·0	..	300·6	..	*299·8*	200	− 33
960	Kajoemas	7 56	114 9	950	..	..	..	..	..	..	..	..	..	..	..	..	..	..
961	Koepang	10 10	123 34	3·3	..	1006·7	−1·2	..	..	..	..	..	..	..	..	..	396	− 24
962	Ambon	3 42	128 10	4·2	..	1006·7	−1·6	..	..	..	..	..	..	..	..	..	107	− 34
965	Daru	9 4	143 13	8	..	?1007·4	?−1·9	303·4	..	..	297·6	..	..	300·5	+0·1	..	236	−132
966	Port Moresby	9 29	147 9	39	..	1006·3	−1·9	304·9	..	..	297·4	..	..	301·2	+0·1	..	158	− 33
967	Rakuranga	4 13	152 8	? 120	..	..	..	..	..	..	..	..	..	..	..	..	126	..
968	Rendova	8 24	157 19	..	..	..	..	..	..	..	..	..	..	..	..	..	387	−180
969	Tulagi, Brit. Solomon Is.	9 5	160 8	53·6	1000·2	1006·3	−0·4	302·2	303·0	sev. dates	297·2	295·8	4th, 7th	299·7	..	..	552	+208
970	Ocean Island	0 52	169 36	485	..	1008·2	+0·8	304·8	305·7	12th	298·4	297·4	22nd	301·6	+0·7	*301·0*	33	−304

JANUARY—ZONE 10.

Between Latitude 10° S. and 20° S.

1001		S.	W.															
1002	Apia, Samoa	13 49	171 45	4	1008·4	1008·8	+0·9	301·7	303·6	..	296·6	295·2	..	299·2	+0·2	*299·0*	302	−144
1003	Alofi, Niue Island	19 2	169 55	36·6	1008·0	1012·2	+1·1	304·0	306·9	2nd	294·8	293·0	7th, 29th	299·4	+0·3	..	248	− 28
1004																		
1007	Makatea	15 47	148 14	39	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1008																		
1021	Puerto de Arica	18 28	70 20	10	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1022	Arequipa	16 22	71 33	2451	760·7	..	−0·4	291·2	294·7	18th	..	..	..	286·2	..	..	33	+ 5
1023																		
1024	Sucre, Bolivia	19 3	67 17	2844	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1025	Araguaya	15 33	52 59	488	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1026	Cuyaba	15 35	56 0	235	989·5	1016·3	+0·1	303·4	306·7	2nd	297·9	296·8	30th	297·4	−0·1	..	185	− 35
1027	Bello Horizonte	19 54	43 30	857	916·5	1011·7	..	300·0	308·0	31st	289·9	289·0	..	295·0	..	..	245	..
1028	Cætite	14 2	42 37	900	914·4	1014·4	..	299·9	302·7	19th	290·0	288·0	25th	294·9	..	..	72	..
1029	Ondina	13 0	38 30	45·2	1007·1	1012·3	..	302·9	304·6	18th	295·6	294·5	9th	299·3	..	..	166	..
1030	Aracaju	10 55	37 4	4·3	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1035	St. Helena	15 57	W 5 40	2620	946·9	1017·9	+0·4	294·1	297·4	15th	288·3	287·2	4th	291·2	+0·4	*290·9*	91	+ 14
1036																		
1041																		
1042	Gwelo	19 26	E30 2	1416	857·4	..	+0·4	300·8	304·4	..	286·5	281·7	..	293·7	−0·4	..	22	−128
1043	Salisbury, Rhodesia	17 48	31 5	1487	855·9	..	+0·3	299·9	303·6	..	287·6	284·1	..	293·8	0·0	..	84	−107
1044	Zomba	15 23	35 18	954	904·4	1009·4	−0·4	300·6	304·4	21st	290·7	288·6	19th	295·6	+0·2	*295·0*	245	− 41
1045	Tamatave	18 9	49 26	4	1007·3	1007·7	−3·0	303·6	305·8	..	295·8	294·8	..	299·7	−0·5	..	180	−180
1046	Tananarivo	18 55	47 32	1400	861·1	..	−1·7	299·7	302·0	31st	289·4	287·4	29th	294·6	−0·8	293·1	213	− 78
1055	Cocos Keeling Is.	12 5	96 54	4·6	..	..	..	..	..	..	..	..	..	..	..	..	243	+111
1056																		
1057	Christmas Is.	10 25	105 43	5·5	1004·9	1005·5	−2·6	303·6	305·8	..	297·1	296·3	..	300·3	−0·1	..	249	+ 20
1058																		
1061	Derby	17 18	123 40	16·2	..	1005·4	−1·4	308·7	312·2	18th	299·9	294·9	2nd, 8th	304·3	+0·7	..	50	−135
1062	Hall's Creek	18 13	127 46	373·6	..	1004·1	−2·8	312·0	315·7	20th	295·8	289·7	14th	303·9	+0·7	..	107	− 39
1063	Port Darwin	12 28	130 51	29·6	..	1004·4	−1·3	305·5	308·4	15th	298·0	295·7	24th	301·8	−0·1	*300·8*	486	+ 97
1064	Daly Waters	16 16	133 23	210·6	..	1003·4	..	309·4	313·0	19th	296·3	293·0	14, 15, 31	302·9	−0·6	*302·4*	156	− 4
1065	Mein	13 13	142 57	121·9	..	1003·4	..	304·6	307·3	14th	296·7	294·7	4th	300·7	..	..	351	+ 3
1066	Georgetown, Queensland	18 23	143 33	301·8	..	1004·7	..	306·3	309·1	1st	295·7	293·0	9th, 10th	301·0	..	..	167	− 54
1067	Samarai	10 37	150 40	6·4	..	1006·7	−0·7	303·7	..	..	298·3	..	..	301·0	+0·2	..	146	+ 6
1068																		
1070	La Kolle	17 40	168 20	30	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1072	Suva, Fiji	18 8	178 26	13·4	..	1010·3	+1·3	304·1	305·8	25th	295·9	294·2	1st, 14th	300·0	+0·4	..	176	− 96
		S. ° ′	E. ° ′	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.

* Mean of max. and min. or of observations at fixed hours.

† Computed means for the 24 hours are in *italics*.

Table representing the Meteorology of the Globe between Latitude 20° S. and 30° S.

JANUARY—ZONE 11.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure: Mean at Level of Station.	Pressure: Mean at M.S.L.	Pressure: Diff. from Normal.	Temperature: Mean Max.	Temperature: Absolute Max.	Temperature: Date.	Temperature: Mean Min.	Temperature: Absolute Min.	Temperature: Date.	Temperature: *Mean.	Temperature: Diff. from Normal.	Temperature: †24 hr. Mean.	Precipitation: Total.	Precipitation: Diff. from Normal.
		° ′ S.	° ′ W.	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.
1105	Rarotonga (Avarua)	21 12	159 47	..	..	..	..	301·1	302·8	26th	295·6	292·3	7th	298·3	..	..	336	+ 94
1106																		
1115	Mataveri, Easter Island	27 10	109 26	30	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1116																		
1121	Punta Tortuga, Coquimbo	29 56	71 21	25	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1122	Puerto de Antofagasta	23 39	70 25	5	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1125	Goya	29 9	59 15	64	..	..	..	..	..	..	..	..	..	..	..	*299·4*	113	..
1126	Porto Alegre	30 1	51 13	24·5	1007·0	1009·8	..	303·7	309·0	18th	293·3	287·5	15th	298·5	..	*298·5*	144	+ 59
1127	Curityba	25 25	49 15	908	913·1	1013·6	+0·8	301·7	307·6	19th	289·3	281·0	1st	295·5	+1·5	*294·8*	147	− 25
1128	Rio de Janeiro	22 54	W43 10	61	1003·6	1010·7	−0·8	..	307·2	..	..	292·8	..	..	+0·5	299·0	50	− 76
1139	Windhuk	22 34	E17 6	1665·3	832·6	..	..	..	..	..	..	..	..	..	−1·0	295·2	..	..
1140																		
1141	Johannesburg	26 11	28 4	1806	822·2	..	+0·9	296·3	301·4	7th	285·2	282·1	22nd	290·8	−1·1	*290·3*	125	− 38
1142	Kimberley	28 42	28 47	1202	880·4	..	+0·6	305·0	..	..	289·6	..	..	297·3	+0·4	297·0	75	+ 4
1142*a*	Pretoria	25 45	28 11	1339	867·7	..	+0·8	301·1	306·6	4th	286·9	283·6	20th	294·0	−1·3	..	79	− 85
1143	Durban	29 51	31 0	80	1005·9	1015·3	−0·5	298·8	304·3	9th	292·5	290·3	16th	295·7	−2·1	..	101	− 16
1144	Lorenzo Marques	25 58	32 36	59	..	1015·1	+2·7	301·6	305·0	28th	294·2	292·1	24th, 27th	297·9	−1·2	297·7	99	− 27
1147	Mauritius	20 6	57 33	54·3	1003·4	1009·7	−2·0	302·8	305·3	5th	296·3	293·1	3rd	299·6	−0·1	299·0	181	− 21
1148																		
1159	Onslow	21 43	114 57	4·3	..	1003·5	−3·1	312·3	319·1	21st	296·1	294·1	5, 23, 29	304·2	+1·3	..	0	− 23
1160	Peak Hill	25 38	118 47	588·3	..	1003·1	−3·0	313·3	317·9	25th	296·9	292·8	30th	305·1	+1·1	..	7	− 33
1161	Nullagine	21 53	120 5	385·6	..	1003·3	−2·3	315·4	318·1	27th	297·3	291·0	15th	306·4	+1·5	..	12	− 66
1162	Laverton	28 40	122 23	466·3	..	1007·8	−1·9	310·6	316·9	29th	294·8	287·7	11th	302·7	+1·6	..	32	+ 2
1163	Alice Springs	23 38	133 37	587·0	..	1003·9	−2·2	309·9	315·3	19th	294·7	286·9	14th	302·3	+0·4	*302·3*	0	− 46
1164	William Creek	28 55	136 21	76·2	..	1008·1	..	308·6	315·8	27th	294·0	289·7	13th, 21st	301·3	..	*301·0*	1	− 14
1165	Boulia	22 55	139 38	145·7	..	1003·1	..	310·4	316·9	19th	296·1	291·9	14th	303·3	..	..	35	− 16
1166	Mitchell	26 32	147 52	337·1	..	1006·2	..	304·9	311·3	19th	292·4	286·9	31st	298·7	..	..	95	+ 12
1167	Rockhampton	23 24	150 30	11·3	..	1007·8	..	306·1	309·1	19th	295·1	289·1	2nd	300·6	..	..	303	+ 63
1168	Brisbane	27 28	153 2	41·7	..	1010·3	−1·2	302·5	308·1	16th	294·2	290·7	2nd, 4th	298·3	+0·2	..	184	+ 17
1169	Noumea	22 16	166 27	9	1007·0	1008·0	..	303·9	307·0	24th	295·9	293·6	5th	299·9	+0·6	..	183	+ 95
1170	Norfolk Island	29 4	167 58	..	..	..	..	..	..	..	..	..	..	..	..	..	203	+113
		S.	E.															

Between Latitude 30° S. and 40° S.

JANUARY—ZONE 12.

1210		S.	W.															
1220	Juan Fernandez	33 37	78 50	10	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1221	Punta Angeles, Valparaiso	33 1	71 38	40	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1222	Santiago	33 27	70 42	520	953·4	1012·7	+0·9	..	305·6	13th	..	281·0	10th	293·1	+1·0	*293·5*	0	− 1
1223	Cordoba	31 25	64 12	439	960·8	..	..	..	..	..	..	..	..	..	..	296·1	64	..
1224	Buenos Ayres	34 16	64 11	25·2	1007·7	1010·6	−1·0	302·1	308·5	17th	290·2	279·7	14th	296·2	−0·5	296·0	106	+ 29
1225	Rio Grande	32 2	52 6	2·3	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1226	Montevideo	34 52	W56 12	29·3	1008·2	1011·6	+0·7	300·8	308·2	17th	288·7	283·1	26th	294·7	−0·7	294·7	170	+ 92
1239	Cape Town	33 56	E18 29	12	1013·0	1014·4	+1·3	299·4	306·9	..	289·5	284·7	..	294·4	+0·4	*293·0*	0	− 17
1240	Danger Point	34 37	19 18	20	..	..	..	294·8	298·6	8th	289·1	284·1	26th	291·9	..	..	3	..
1241	Heidelberg	34 5	20 58	1541	..	..	..	301·9	309·1	8th	288·9	284·1	26th	295·4	+1·7	..	21	− 2
1242	East London	33 2	27 55	10·1	1013·7	1014·9	+2·0	296·9	299·7	5th, 10th	290·2	285·8	27th	293·6	−0·5	..	27	− 39
1259	Perth (Observatory)	31 57	115 51	60·0	..	1011·5	−1·8	301·7	310·8	12th	290·4	284·7	30th	296·1	−0·1	..	20	+ 12
1260	Katanning	33 42	117 35	309·7	..	1011·1	−2·5	303·6	316·3	23rd	286·9	279·3	18th	295·3	+0·7	..	13	+ 7
1261	Coolgardie	30 57	121 10	423·3	..	1009·4	−2·1	307·9	318·0	24th	290·3	284·1	18th	299·1	+1·1	..	0	− 10
1262	Eucla	31 45	128 58	4·6	..	1011·6	−1·7	301·7	319·7	4th	290·3	284·0	20th	296·0	+1·4	..	0	− 18
1263	Streaky Bay	32 48	134 13	13·1	..	1011·9	−1·2	303·3	313·8	2nd	290·2	283·2	17th	296·8	..	..	0	− 13
1264	Adelaide	34 56	138 35	42·7	..	1012·3	−0·7	304·6	313·6	25th	290·9	283·3	17th	297·8	+1·3	*297·2*	1	− 21
1265	Melbourne	37 49	144 57	35·1	..	1012·6	−0·4	299·2	313·2	25th	287·8	282·7	1st	293·5	+0·8	*293·1*	25	− 23
1266	Bourke	30 13	145 58	110·1	..	1008·6	−1·4	308·2	317·2	20th	293·8	288·6	31st	301·0	−1·6	..	37	− 12
1267	Sydney	33 51	151 13	44·5	..	1012·6	−0·9	298·7	306·2	16th	291·4	286·9	1st	295·1	+0·2	..	135	+ 46
1268	Lord Howe Island	31 32	159 4	..	..	..	..	..	..	..	..	..	..	..	..	..	289	+154
1271	Auckland	36 50	174 50	38·1	..	1013·5	..	296·8	299·7	26th	289·8	285·2	6th	293·3	+1·2	..	115	+ 51
1272																		
		S.	E.															

Between Latitude 40° S. and 50° S.

JANUARY—ZONE 13.

1301		S.	W.															
1302	Chatham Island	43 52	176 42	46	..	..	..	290·7	294·1	twice	283·7	279·1	11th	287·2	−0·2	..	58	− 3
1321	Punta Corona	41 51	73 50	25	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1322	Punta Galera	40 1	73 44	40	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1323	Bahia Blanca	38 45	W62 12	20	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1324																		
1365	Hobart	42 53	E147 22	53·9	..	1014·9	+4·0	294·2	308·1	25th	284·8	279·3	11th	289·5	−0·3	*288·4*	59	+ 13
1366	Launceston	41 27	147 10	9·4	..	1014·0	..	297·8	304·9	3rd	285·6	279·0	29th	291·7	+0·9	..	44	− 9
1369																		
1370	Dunedin	45 52	170 31	91	..	1011·8	+2·6	291·8	299·7	4th	283·6	279·7	twice	287·7	+0·2	..	218	+125
1371	Christchurch	43 32	172 38	7·6	..	1013·1	+2·1	293·6	302·9	4th	285·4	280·3	1st	289·5	+0·1	..	107	+ 55
1372	Wellington	41 16	174 46	33·5	..	1013·1	+1·0	293·3	296·9	twice	287·1	282·5	6th	290·2	+0·1	..	152	+ 66
		S. ° ′	E. ° ′	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.

* Mean of max. and min. or of observations at fixed hours.

† Computed means for the 24 hours are in *italics*.

JANUARY—ZONE 14. Table representing the Meteorology of the Globe between Latitude 50° S. and 60° S.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure: Mean at Level of Station.	Pressure: Mean at M.S.L.	Pressure: Diff. from Normal.	Temperature: Mean Max.	Temperature: Absolute Max.	Temperature: Date.	Temperature: Mean Min.	Temperature: Absolute Min.	Temperature: Date.	Temperature: *Mean.	Temperature: Diff. from Normal.	Temperature: †24 hr. Mean.	Precipitation: Total.	Precipitation: Diff. from Normal.
		° S. ′	° W. ′	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.
1421	Islota de los Evangelistas	52 24	75 6	55	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1422	Puerto de Punta Arenas	53 10	70 54	4	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1423	Punta Dungeness	52 24	68 25	5	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1425	Cape Pembroke	51 41	57 42	15	989·6	991·4	−8·3	285·5	291·3	9th	279·1	275·8	20th	282·3	−0·1	282·3	..	..
1426	Stanley, Falkland Is.	51 41	57 51	4	..	..	..	..	..	..	..	..	..	..	..	..	10	−63
1429	S. Georgia (Cumberland Bay)	54 14 S.	36 34 W.	3	991·1	991·5	−3·1	282·5	289·4	5th	275·8	272·4	22nd	279·2	+0·2	*278·5*	58	−17

JANUARY—ZONE 15. Between Latitude 60° S. and 70° S.

1527 1528	South Orkneys	60 44 S.	44 39 W.	6·9 metres.	987·4 mb.	988·3 mb.	−3·0 mb.	274·7 a.	279·8 a.	5th	271·6 a.	269·9 a.	21st	273·2 a.	−0·3 a.	272·9 a.	45 mm.	+7 mm.

* Mean of max. and min. or of observations at fixed hours. † Computed means for the 24 hours are in *italics*.

DAILY OBSERVATIONS OF WIND WITHIN THE TROPICS.—JANUARY 1910.

Date	St. Helena.* 1035. Direction.	St. Helena.* 1035. Mean Velocity for the Day.	Fanning Island. 805. Direction and Force.		Sierra Leone. 834. Direction and Force.		Malden Island. 905. Direction and Force.		Tulagi. 969. Direction and Force.	Ocean Island. 970. Direction and Force.		Suva, Fiji. 1072. Direction.	Suva, Fiji. 1072. Mean Velocity, 24 hrs. ending 9 a.m.
			9 a.m.	9 p.m.	9 a.m.	5 p.m.	9 a.m.	8 p.m.	9 a.m.	9 a.m.	9 p.m.	9 a.m.	
		m/s.											m/s.
1	SE by E	8·4	SE 4	SE 4	Calm ○	N 1	NE 2	NE 2	SE 3	E 7	E 5	..	3·3
2	SSE	8·1	E 4	SE 4	Calm ○	Calm ○	NE 3	NE 1	E 3	E 6	E 6	..	1·9
3	SE by S	11·2	E 4	NE 6	N 1	W 4	NE 2	NE 1	SE 3	E 7	E 7	..	1·8
4	SE by S	9·4	E 6	E 4	Calm ○	N 1	E 5	E 4	Calm ○	E 5	E 4	..	1·0
5	SE by S	7·5	SE 4	SE 6	Calm ○	N 1	E 4	E 5	Calm ○	E 3	E 3	..	0·9
6	SE	6·6	E 4	SE 4	E 1	N 1	E 5	E 5	NW 2	E 6	E 5	..	1·4
7	S by E	4·3	SE 4	SE 4	Calm ○	SE 1	E 4	E 5	NW 3	SE 3	E 5	..	2·0
8	SSE	6·5	SE 4	SE 4	Calm ○	N 1	E 4	E 2	E 4	E 4	E 5	..	2·3
9	SSE	5·3	SE 4	SE 5	NW 2	SW 2	E 4	E 2	E 5	E 3	E 4	..	4·0
10	SE by S	8·3	SE 4	SE 4	NE 3	Calm ○	E 4	E 3	Calm ○	E 6	E 7	..	3·7
11	SE by S	8·6	SE 4	SE 4	SE 5	NE 2	E 4	E 3	Calm ○	E 6	E 5	..	1·9
12	SSE	6·0	E 4	E 4	E 5	E 2	E 5	E 4	SE 3	E 3	E 3	..	2·1
13	SE by S	5·4	SE 4	E 4	E 5	SE 1	E 4	E 3	SE 1	E 4	E 3	..	1·6
14	SE	4·9	E 4	E 4	E 4	SE 1	E 4	E 2	SE 3	E 4	E 3	..	2·2
15	SE by S	4·2	E 4	E 4	E 3	Calm ○	E 4	E 2	SE 3	E 1	E 4	..	1·7
16	SE by S	7·1	E 4	E 2	SE 3	Calm ○	E 4	E 3	SE 5	E 4	E 3	..	1·6
17	SSE	9·5	E 4	E 4	E 3	E 1	E 3	E 2	SE 2	SE 3	E 3	..	1·8
18	SE	10·9	SE 4	E 4	NE 3	Calm ○	E 3	E 2	Calm ○	E 5	E 3	..	1·6
19	SE	10·0	SE 4	E 4	E 1	SE 1	E 2	E 3	Calm ○	E 4	E 3	..	2·2
20	SE	8·9	SE 4	E 4	N 1	N 1	NE 2	E 3	NE 3	E 4	E 1	..	3·2
21	SE	7·5	E 4	E 6	Calm ○	NE 1	NE 4	E 2	Calm ○	SE 1	E 1	..	3·2
22	SE by S	6·8	SE 4	E 4	Calm ○	N 1	E 3	NE 3	NW 1	SE 3	E 1	..	2·5
23	SE by S	7·5	SE 4	SE 4	Calm ○	N 1	E 4	E 2	S 3	SE 3	E 4	..	2·3
24	SE	7·7	SE 4	SE 4	E 1	N 1	SE 3	E 2	Calm ○	E 1	NE 1	..	1·6
25	SSE	6·5	SE 4	SE 4	Calm ○	N 1	E 1	E 1	Calm ○	NE 5	NE 5	..	2·1
26	SSE	4·5	SE 4	SE 4	Calm ○	N 1	E 2	E 3	NW 3	E 5	E 3	..	1·2
27	SE	10·6	SE 4	SE 4	Calm ○	N 2	E 4	E 1	Calm ○	E 3	E 3	..	1·9
28	SE	9·7	SE 4	SE 4	Calm ○	N 1	SE 3	NE 2	Calm ○	E 3	NE 1	..	2·9
29	SE by S	9·7	SE 4	SE 4	Calm ○	NW 2	NE 3	NE 1	NW 2	NW 3	W 1	..	1·8
30	SE by S	7·6	*SE 4	SE 4	Calm ○	N 1	NE 2	NE 1	NW 3	SE 5	E 8	..	2·1
31	SE by S	8·2	SE 4	SE 4	N 1	N 1	SE 2	SE 2	NW 2	SE 5	E 3	..	1·5
Mean for Month	..	7·7	4·1	4·2	1·3	1·1	3·3	2·4	1·8	4·0	3·6	..	2·1
Deviation from Normal	..	+0·1	..	..	..	..	−0·5		..	+1·9		..	

* Direction and velocity in the South-East Trade Wind at 620 metres.

STATE OF ICE IN THE ARCTIC SEAS AND IN THE NORTH ATLANTIC.—JANUARY 1910.

**Spitsbergen.*—"Bell Sound was filled with polar ice on January 9th."

**Greenland Sea, Iceland, and Denmark Strait.*—"The coasts of *Iceland* were ice-free. Off Angmagsalik the Storis lay packed, as is normal, but with occasional open water."

North Atlantic and Labrador.—"No reports of ice were received."

**Davis Strait and Baffin Bay.*—"The coast of West Greenland was ice-free. The Storis passed Cape Farewell on January 30th, about normal."

**Bering Sea.*—"All through January the ice lay close to the coast off Nome."

* *Isforholdene de arktiske Have, 1910*, issued by the Danish Meteorological Institute.

RÉSEAU MONDIAL, FEBRUARY 1910

TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE FOR THE MONTH OF FEBRUARY 1910 BY MEANS OF STATIONS SELECTED AT THE RATE OF TWO FOR EACH TEN-DEGREE SQUARE.

Between Latitude 80° N. and 70° N. FEBRUARY—ZONE 1.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure: Mean at Level of Station.	Pressure: Mean at M.S.L.	Pressure: Diff. from Normal.	Temperature: Mean Max.	Temperature: Absolute Max.	Temperature: Date.	Temperature: Mean Min.	Temperature: Absolute Min.	Temperature: Date.	Temperature: *Mean.	Temperature: Diff. from Normal.	Temperature: †24 hr. Mean.	Precipitation: Total.	Precipitation: Diff. from Normal.
		° N. ′	° W. ′	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.
123	North Star Bay	76 30	68 55	6·5	..	..	..	..	..	..	..	..	..	..	..	..	..	..
124																		
125	Upernivik	72 47	W56 7	18·9	1003·0	1005·6	−4·0	248·8	259·0	6th	241·0	236·2	16th, 17th	244·9	−5·3	*246·2*	0	−15
126																		
139	Spitsbergen	78 2	E 14 14	11·4	..	..	..	..	..	..	..	..	..	..	..	..	..	..
140																		
141	Gjesvaer	71 6	25 22	6·5	995·1	995·9	−8·5	..	277·5	21st	..	266·1	3rd	..	+3·7	*272·4*	49	−5
142	Mehavn	71 1	27 47	6·4	996·7	997·5	..	..	276·8	22nd	..	261·5	2nd	..	..	*271·3*	22	−35
143	Vardö	70 22	31 8	10·0	999·0	1000·3	−6·1	..	275·2	19th	..	263·7	3rd	..	+4·5	*271·3*	13	−52
144																		
147																		
148		N.	E.															

Between Latitude 70° N. and 60° N. FEBRUARY—ZONE 2.

203	Nome	64 30	165 24	6·7	..	1015·2	..	260·7	269·1	10th	251·9	234·1	1st	256·3	..	..	8	..
204																		
205	Tanana	65 12	152 0	? 73·8	..	?1018·3	..	254·6	265·2	10th	244·9	217·4	2nd	249·7	..	..	2	..
206																		
207	Valdez	61 6	146 13	8·2	..	1009·5	..	269·3	275·2	7th	260·6	253·6	13th	264·9	..	..	78	..
208	Eagle	64 46	141 12	248	..	1019·3	..	254·4	270·8	10th	238·4	220·2	2nd, 3rd	246·4	..	..	0	−13
209	Dawson	64 4	139 20	321	981·7	1026·6	+5·8	246·9	258·0	10th	237·9	225·2	2nd	242·4	−5·3	..	6	..
210	Carcross	60 11	134 34	662	..	..	..	258·0	271·9	11th	246·3	233·6	23rd	252·2	..	..	16	..
211																		
212																		
213	Fort Simpson	61 52	120 43	129	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	Hay River	60 51	115 20	161	..	..	..	..	..	..	..	..	..	..	..	..	..	..
225																		
226	Jacobshavn	69 13	51 2	12·6	1002·0	1003·7	−3·7	251·0	266·5	5th, 20th	243·7	234·6	15th	247·4	−6·5	*247·5*	1	−6
229	Godthaab	64 11	51 44	9	997·0	998·2	−4·3	261·5	267·4	4th, 20th	256·7	252·4	14th, 15th	259·1	−3·7	*258·7*	35	−19
230	Angmagsalik	65 37	37 34	31·7	988·4	992·5	−11·7	266·3	273·3	24th	257·8	248·7	9th	262·1	−4·1	..	8	−35
231																		
232	Stykkisholm	66 5	22 46	11·3	982·6	984·2	−18·0	271·8	276·7	10th	267·3	259·0	8th	269·6	−0·7	*269·8*	29	−34
233	Vestmanno	63 26	20 15	7·7	981·6	982·6	−20·4	276·6	279·3	10th	270·5	265·3	9th	273·6	−0·4	*273·8*	150	+39
234	Grimsey (Akureyri)	66 33	17 58	6·8	986·7	987·6	−16·8	271·8	274·5	27th	267·6	262·1	9th	269·7	−0·6	*269·5*	3	−26
235	Berufjord	64 40	14 19	18·0	981·6	983·9	−20·1	274·7	277·5	21st	269·1	261·8	9th	271·9	+0·1	*271·9*	111	+4
236	Thorshavn	62 3	W 6 45	25·7	983·5	986·6	−20·2	278·0	282·2	11th	273·2	266·1	9th	275·6	−0·5	..	151	+5
237																		
238	Bergen (Met. Obs.)	60 24	E 5 19	44·4	992·0	997·4	−14·1	..	284·3	19th	273·4	267·6	10th	..	+1·6	*275·7*	205	+55
239	Christiansund	63 7	7 45	17·8	993·2	995·3	−13·8	..	283·2	20th	274·3	269·2	27th	..	+1·7	*275·6*	53	−32
240	Trondhjem	63 26	10 25	39·5	992·8	997·7	−12·4	..	282·3	20th	271·6	263·1	28th	..	+4·3	*274·4*	20	−70
241	Bodö	67 17	14 24	20·5	993·5	996·1	−11·3	..	280·0	20th	271·1	265·0	1st	..	+4·0	*274·2*	58	−23
242	Haparanda	65 50	24 9	9·2	1003·7	1004·9	−6·9	271·3	275·5	19th	265·0	253·5	28th	268·2	+7·7	*268·7*	36	+8
	Helsingfors	60 10	24 57	11·7	..	1012·3	−2·8	273·4	275·3	27th	270·6	265·5	1st	272·0	+6·0	272·2	80	+47
242a	Kuopio	62 54	27 40	99·7	..	1011·8	−3·6	271·9	275·8	27th	266·0	254·9	16th	268·9	+6·1	*269·7*	57	..
243	Kola	68 53	33 1	6·7	..	1004·8	−4·4	..	276·4	19th	..	256·4	2nd	..	+7·3	*269·4*	5	−3
244	Petrozavodsk	61 47	34 23	38·9	..	1016·8	+1·2	..	277	..	..	255	..	..	+6·8	*269·8*	..	..
245	Arkhangelsk	64 33	40 32	6·7	..	1016·2	+3·5	..	275	..	..	254	..	..	+8·7	*269·0*	18	+1
246	Velsk	61 5	42 7	? 83	..	..	..	..	..	..	..	..	..	..	..	..	..	..
247	Oust-Tsylma	65 27	52 10	? 25	..	1019·6	+8·5	..	273	..	..	258	..	..	+10·1	*268·1*	..	..
248	Troitsko-Petcherskoe	62 42	56 13	? 123	..	..	..	..	..	..	..	..	..	..	..	..	..	..
249																		
250	Berezov	63 56	65 4	39·9	..	..	..	..	..	..	..	..	..	..	..	..	..	..
251	Obdorsk	66 31	66 35	23·7	..	..	..	..	..	..	..	..	..	..	..	..	..	..
252	Sourgout	61 15	73 24	? 40	..	..	..	..	..	..	..	..	..	..	..	..	..	..
253																		
254	Touroukhansk	65 55	87 38	? 40	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	Doudinka	69 7	87 0	? 20	..	..	..	..	..	..	..	..	..	..	..	..	..	..
261																		
262	Olekminsk	60 22	120 26	? 135	..	..	..	..	..	..	..	..	..	..	..	..	..	..
263	Iakoutsk	62 1	129 43	? 108	..	..	..	..	..	..	..	..	..	..	..	..	..	..
264	Verkholansk	67 33	133 24	? 100	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	Oust-Maiskoe	60 25	134 29	? 100	..	..	..	..	..	..	..	..	..	..	..	..	..	..
271																		
272	Markovo sur Anadyr	64 45	170 50	? 20	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	Novo-Mariinskii Post	64 45	177 33	5·2	..	..	..	..	..	..	..	..	..	..	..	..	..	..
		° N. ′	° E. ′	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.

* Mean of max. and min. or of observations at fixed hours. † Computed means for the 24 hours are in *italics*.

FEBRUARY—ZONE 3.

Table representing the Meteorology of the Globe between Latitude 60° N. and 50° N.

FEBRUARY—ZONE 4.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure: Mean at Level of Station.	Pressure: Mean at M.S.L.	Pressure: Diff. from Normal.	Temperature: Mean Max.	Temperature: Absolute Max.	Temperature: Date.	Temperature: Mean Min.	Temperature: Absolute Min.	Temperature: Date.	Temperature: *Mean.	Temperature: Diff. from Normal.	Temperature: †24 hr. Mean.	Precipitation: Total.	Precipitation: Diff. from Normal.
301																		
302		° N. ′	° W. ′	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.
303	Dutch Harbour	53 54	166 32	4·0	..	995·6	..	276·2	280·8	21st	269·4	261·3	8th	272·8	..	..	117	..
304																		
305																		
306																		
307																		
308																		
309	Sitka	57 4	135 20	27	..	1009·8	+ 2·5	275·6	280·2	9th	268·9	262·4	21st	272·2	−2·0	..	131	− 59
310	Prince Rupert	54 18	130 18	52	..	..	..	276·8	280·8	6th	270·1	259·0	21st	273·5	..	..	171	..
311	Barkerville	53 2	121 35	1274	..	1015·2	..	265·7	273·6	4th, 5th	258·2	241·3	21st	261·9	−4·2	*262·0*	58	− 9
312	Kamloops	50 41	120 29	380	..	1019·3	+ 1·7	272·0	279·2	27th	264·2	250·4	22nd	268·1	−2·5	*268·1*	22	+ 2
313	Calgary	51 2	114 2	1033	..	1020·7	+ 0·7	265·9	282·4	5th	255·4	237·4	22nd	260·7	−3·0	*260·8*	22	+ 8
314	Fort Chipewyan	58 42	111 10	218	992·7	1022·4	..	256·7	274·7	6th	243·8	233·0	23rd	250·3	..	*250·8*	3	..
315	Prince Albert	51 10	106 0	437	..	1020·3	+ 2·0	261·1	275·8	3rd	249·3	231·3	21st	255·2	+0·2	*255·7*	11	− 8
316	Qu'Appelle	50 30	103 47	645	..	1020·3	+ 1·4	260·9	275·8	3rd	250·4	237·4	21st, 22nd	255·7	−0·2	*256·0*	15	− 9
317	Minnedosa	50 15	99 50	515	..	1021·7	..	260·7	275·1	7th	248·6	233·4	21st	254·7	−0·8	*254·5*	8	− 6
318	Berens River	52 18	97 23	216	..	..	..	260·0	273·6	7th	244·8	233·0	17th, 22nd	252·4	..	*252·2*	5	..
318*a*	York Factory	57 0	92 28	11	1016·6	1018·1	− 0·3	..	264·7	28th	237·9	230·8	21st	..	..	*243·4*	..	..
319	Fort Hope	51 32	87 48	? 270	984·5	1020·9	..	259·2	270·2	7th	244·9	233·0	10th	252·1	−0·5	..	8	− 5
320	Moose Factory	51 16	80 56	9	1018·5	1019·8	..	259·4	269·1	1st	244·1	231·9	18th	251·8	−2·8	..	20	+ 4
321																		
322																		
323	Hebron	58 12	62 21	15·0	1008·7	1010·7	+ 1·4	250·5	260·2	..	245·9	237·7	..	248·2	−5·0	..	..	..
324	Nain	56 33	61 41	4·2	1012·4	1013·0	+ 2·8	251·0	258·7	..	244·6	238·6	..	247·8	−7·0	..	..	..
325																		
326	Point Riche	50 42	57 25	10·7	..	..	..	..	271·9	21st	..	251·9	19th	263·2	+0·6	..	76	+ 9
327																		
328																		
329																		
330																		
331																		
332																		
333																		
334	Valencia	51 56	10 15	13·7	999·0	1000·6	−12·9	281·9	284·7	5th	277·1	274·1	23rd	279·5	−0·7	279·8	205	+ 80
335	Aberdeen	57 10	2 6	27·4	991·7	995·0	−16·8	278·9	282·4	5th	274·3	270·2	9th	276·6	+0·2	276·7	66	+ 9
336	Greenwich	51 28	W o o	48	999·2	1006·1	− 9·8	281·8	286·3	17th	275·1	270·8	5th	278·4	+1·1	278·6	68	+ 31
337	Uccle	50 48	E 4 22	100	996·3	1008·7	− 7·9	280·1	284·9	22nd	274·3	266·8	2nd	277·2	+1·8	277·2	119	+ 61
338	De Bilt	52 6	5 11	3·0	1006·9	1007·3	− 9·5	280·0	285·1	20th	274·2	269·4	13th	277·1	+ 1	277·0	74	+ 34
338*a*	Hamburg	53 33	9 59	26·0	1005·1	1008·3	− 7·2	278·9	284·6	19th, 20th	274·7	270·9	15th	276·8	+2·2	276·3	54	+ 7
339	Copenhagen	55 41	12 36	5·0	1006·8	1007·4	− 6·7	276·4	281·0	23rd	273·3	269·7	18t	274·9	+2·4	*275·0*	85	+ 51
340	Potsdam	52 23	13 4	84·9	1000·0	1010·6	− 6·1	278·8	285·3	22nd	273·2	268·4	11th	276·0	+2·4	275·6	42	+ 6
340*a*	Upsala	59 51	17 38	24·0	1004·3	1007·3	− 6·3	273·9	277·6	18th	270·3	254·9	1st	272·1	+3·9	272·3	44	+ 14
341	Warsaw	52 15	21 1	127	999·4	1015·3	− 2·8	278·0	284·5	23rd	273·3	268·8	2nd	275·7	+7·3	*275·6*	10	− 18
342	Jurjev	58 23	26 43	74·5	1006·3	1015·8	− 0·5	273·4	276·9	27th	269·0	258·3	16th	271·2	+9·5	271·3	14	− 16
343	Petrograd	59 56	30 16	4·8	..	1016·4	+ 0·3	..	276	..	..	259	..	..	+6·1	*270·6*	18	− 3
344	Kiev	50 27	30 30	183·1	999·9	1023·1	+ 3·6	273·8	277·1	23rd, 26th	270·2	262·9	15th	272·0	+4·3	272·0	22	− 1
344*a*	Moscow	55 45	37 34	156	1007·6	1027·8	+ 7·9	269·4	274·1	1st	264·3	256·5	14th	266·9	+6·3	266·9	15	− 9
345	Saratov	51 32	46 3	59·9	..	1033·9	+11·7	..	275	..	..	248	..	..	−5·1	*258·4*	2	− 18
346	Kazan	55 47	49 8	79·8	1024·6	1035·4	+13·9	..	269·4	3rd	..	247·0	26th	..	−2·0	*258·8*	4	− 8
347	Orenburg	51 45	55 6	114·1	..	1035·8	+11·0	..	267	..	..	249	..	..	−2·1	*256·6*	13	− 8
348	Perm	58 1	56 15	163·0	..	1034·3	+14·0	..	267	..	..	250	..	..	+0·5	*260·2*	3	− 12
349	Ekaterinburg	56 50	60 38	288·9	..	1034·7	+12·8	..	271	..	..	249	..	..	+1·8	*260·8*	2	− 5
350	Tobolsk	58 12	68 14	108·3	..	..	..	..	..	..	..	..	..	..	..	..	..	..
351	Akmolinsk	51 12	71 23	? 347	..	..	..	..	..	..	..	..	..	..	..	..	..	..
352	Omsk	54 58	73 23	90	..	1034·8	+ 9·0	..	267·4	27th	..	242·2	3rd	..	−1·9	*254·3*	66	+ 59
353	Barnaoul	53 20	83 47	162·2	..	1035·5	+ 4·9	..	267·6	6th	..	238·3	10th	..	−1·7	*254·3*	35	+ 24
354	Tomsk	56 30	84 58	121·6	..	1033·2	+ 6·1	..	266·1	26th	..	235·5	2nd	..	−0·1	*256·1*	18	− 3
355	Minousinsk	53 43	91 41	? 245	..	..	..	..	..	..	..	..	..	..	..	..	..	..
356	Eniseisk	58 27	92 11	84·4	..	..	..	..	..	..	..	..	..	..	..	..	..	..
357	Irkutsk	52 16	104 19	467·0	..	1035·4	+ 3·5	..	266·8	14th	..	239·0	8th	..	+0·1	*256·8*	22	+ 16
358	Kirensk	57 47	108 7	? 263	..	..	..	..	..	..	..	..	..	..	..	..	..	..
359	Tchita	52 2	113 30	663·7	..	1033·3	..	..	267·1	21st	..	241·8	8th	254·8	..	..	o	..
360	Blagoveshchensk Priisk	58 10	114 17	? 490	..	..	..	..	..	..	..	..	..	..	..	..	..	..
360*a*	Nertchinsk	51 59	116 35	484·3	..	1030·6	+ 1·5	..	259·5	11th	..	232·8	2nd	..	+1·4	*246.1*	o	− 2
361	Tygan Ourkan	54 5	124 46	? 370	..	..	..	..	266·6	4th	243·9	234·8	27th	..	..	*252·3*	o	..
362	Blagoveshchensk	50 15	127 38	133·6	..	..	..	..	..	..	..	..	..	..	..	..	..	..
363	Paikanskii Sklad	50 11	130 7	? 168	..	..	..	..	258·6	23rd	235·9	228·5	2nd	..	..	*244·8*	..	..
364																		
365	Nikolaevsk-sur-Amour	53 8	140 45	21·2	..	..	..	..	264·5	17th	..	242·2	25th	..	+2·8	*254·6*	o	− 14
366	Okhotsk	59 21	143 17	6·0	..	..	..	..	..	..	..	..	..	..	..	..	..	..
367																		
368	Petropavlovsk Phare	52 53 N.	158 47 E.	87·1	..	..	..	..	..	..	..	..	..	..	..	..	..	..
369																		
370																		
371																		
372		° ′	° ′	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.

* Mean of max. and min. or of observations at fixed hours.

† Computed means for the 24 hours are in *italics*.

Table representing the Meteorology of the Globe between Latitude 50° N. and 40° N.

FEBRUARY—ZONE 4.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure: Mean at Level of Station.	Pressure: Mean at M.S.L.	Pressure: Diff. from Normal.	Temperature: Mean Max.	Temperature: Absolute Max.	Temperature: Date.	Temperature: Mean Min.	Temperature: Absolute Min.	Temperature: Date.	Temperature: *Mean.	Temperature: Diff. from Normal.	Temperature: †24 hr. Mean.	Precipitation: Total.	Precipitation: Diff. from Normal.
		° N. ′	° W. ′	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.
411	Victoria, B.C.	48 24	123 19	25·9	1014·4	1017·6	+2·4	278·4	282·4	26th	272·9	265·8	21st	275·7	−2·7	275·8	120	+ 29
412	Portland, Oregon	45 32	122 41	46·6	1015·1	1021·0	+2·4	279·9	286·3	24th	274·2	268·0	22nd	277·1	−1·1	*276·8*	164	+ 17
413	Macleod	49 44	113 24	954	..	..	..	265·9	278·6	5th, 28th	255·9	234·7	22nd	260·9	−4·8	*260·9*	44	+ 36
414	Helena	46 34	112 4	1253	873·3	1022·0	+2·4	269·6	281·9	13th	259·2	239·1	22nd	264·4	−3·2	*264·4*	30	+ 11
414*a*	Salt Lake City	40 46	111 54	1329	869·0	1020·6	+2·0	276·9	286·3	14th	268·6	261·9	16th	272·8	−0·7	*272·6*	25	− 10
415	Cheyenne	41 8	104 48	1856	809·9	1019·3	+2·4	275·0	288·0	14th	261·3	249·7	22nd	268·2	−1·7	*268·0*	8	− 6
416	North Platte	41 8	100 45	859	918·6	1022·0	+3·7	277·8	292·4	14th	262·1	251·9	22nd	269·9	+1·1	*269·6*	1	− 10
416*a*	Bismarck	46 47	100 38	510·6	959·8	1024·7	+4·7	263·4	279·1	28th	251·5	234·7	18th	257·5	−2·4	*257·1*	14	+ 2
417	Winnipeg	49 53	97 7	231·6	..	1022·7	+1·8	260·6	274·8	28th	248·4	236·2	24th	254·5	−0·2	256·0	40	+ 22
418	Duluth	46 47	92 6	345·1	977·2	1021·3	+2·7	265·2	273·6	28th	254·6	243·0	23rd	259·9	−2·9	*259·9*	29	+ 4
419	Port Arthur	48 27	89 12	196·3	..	1020·3	+1·1	265·8	279·7	3rd, 7th	252·4	240·2	18th	259·1	−0·2	*259·1*	20	+ 7
420	Chicago	41 53	87 37	250·8	990·0	1021·3	+2·7	272·7	283·6	15th	265·3	251·9	23rd	269·0	−0·2	*269·1*	23	− 32
421	Toronto	43 40	79 24	106·7	1006·0	1019·9	+2·0	271·4	279·3	27th	262·3	249·6	6th	266·9	−0·1	266·7	82	+ 23
422	New York	40 43	74 0	95·7	1007·7	1020·0	+1·4	276·1	288·0	28th	269·2	256·3	7th	272·7	+0·4	271·9	103	+ 8
423	St. John, N.B.	45 17	66 4	21·3	..	1016·9	+1·6	272·4	279·7	27th	263·9	254·1	8th	268·2	+1·9	*269·4*	104	+ 21
424	S. W. Point, Anticosti	49 24	63 35	9·1	1013·5	1014·7	+3·3	270·6	279·1	..	256·4	249·1	..	263·5	+0·5	..	9	− 32
425	Sable Island (Main Station)	43 57	60 6	7·6	1015·6	1016·6	..	276·4	281·6	..	270·1	265·2	..	273·3	+2·2	..	20	+ 2
426	St. Johns, Newfoundland	47 34	52 42	38·1	..	1010·1	−0·2	273·8	284·7	2nd	265·9	254·1	26th	269·9	+1·6	..	193	+ 49
435	Madrid	40 24	3 41	655·4	944·0	1021·5	+1·1	287·0	291·2	7th	274·3	267·8	1st	280·7	+0·9	280·3	20	− 7
436	Nantes	47 15	W 1 34	41·4	1007·6	1012·7	−6·3	283·7	287·3	22nd	277·2	269·3	10th	280·5	+1·5	*280·2*	161	+106
437	Paris (Parc St. Maur)	48 49	E 2 29	50·3	1004·9	1011·1	−7·1	281·8	288·4	22nd	274·8	268·6	2nd	278·3	+1·6	278·2	67	+ 34
438	Marseilles	43 18	5 23	75	1004·4	1013·6	−2·8	284·9	289·7	22nd	276·6	268·5	2nd	280·8	−0·3	*280·2*	40	+ 4
438*a*	Zürich	47 23	8 33	493·2	955·4	1015·2	−5·3	279·7	289·2	22nd	274·4	264·1	3rd	277·0	+1·4	275·2	73	+ 16
439	Rome	41 54	12 29	63·4	..	1011·6	−4·9	285·8	289	sev. dates	278·9	274	15th	282·4	+0·9	*282·1*	55	− 9
440	Vienna	48 15	16 22	202·5	988·9	1013·9	−5·2	278·9	286·3	25th	273·5	269·9	12th	276·2	+2·8	276·0	47	+ 14
440*a*	Buda-Pesth	47 30	19 2	112·5	1000·7	1014·7	−5·3	280·4	286·5	25th	276·1	271·6	13th	278·3	+5·4	278·0	38	+ 7
441	Bucharest	44 25	26 6	82	1008·0	1018·3	−2·2	280·1	288·9	23rd	274·8	270·0	15th	277·5	+4·2	*277·1*	47	+ 20
442																		
443	Odessa (University)	46 29	30 46	65·3	1013·2	1021·5	+1·4	276·5	280·5	25th	273·6	269·0	14th	275·1	+4·4	*275·0*	31	+ 12
444	Kharkov (University)	50 0	36 14	140	..	1026·8	+5·7	..	275	..	..	257	..	278·8	+2·9	*268·7*	8	− 17
444*a*	Novorossiisk	44 40	37 49	37	..	1019·1	−0·3	..	287	..	..	269	..	278·8	+3·4	*278·7*	34	− 26
445	Tiflis	41 43	44 48	409	..	1023·1	+0·9	..	286	..	..	266	..	277·3	+2·3	*277·3*	46	+ 26
446	Astrakhan	46 21	48 2	−14	..	1028·4	+5·1	..	275	..	..	255	..	266·2	−0·8	*266·1*	1	− 7
447	Fort Alexandrovsk	44 31	50 16	24	..	..	..	..	..	..	..	..	..	..	..	..	..	..
448	Krasnovodsk	40 0	52 59	−15	..	1023·4	+1·2	..	285	..	..	272	..	278·7	+2·4	*278·7*	..	..
449	Tachkent	41 20	69 18	478·3	..	1025·6	+1·2	..	289·0	2nd	..	268·0	7th	..	+2·6	*276·3*	28	− 7
450	Irgiz	48 37	61 16	112	..	..	..	..	..	..	..	..	..	..	..	..	..	..
451	Narynskoe	41 26	76 2	?2015	..	..	..	..	..	..	..	..	..	..	..	..	..	..
452	Vernyi	43 16	76 53	824·8	..	..	..	..	..	..	..	..	..	..	..	..	..	..
461	Mukden	41 48	123 23	43·8	1018·3	1024·1	−3·0	270·9	278·3	23rd	256·6	245·6	26th	263·8	+0·9	263·7	3	− 3
462	Joshin	40 40	129 11	4·0	1017·5	1018·0	−2·1	273·2	278·5	24th	261·5	251·0	2nd	267·4	−1·3	267·1	1	− 14
463	Vladivostok	43 7	131 54	15·7	..	1019·1	−4·3	..	272·3	24th	..	251·8	11th	..	−0·8	*261·9*	1	− 4
464																		
465	Ochiai (Galkinovrasskoe)	47 20	142 44	15·0	1006·2	1008·1	..	267·4	272·3	25th	252·1	244·8	16th	259·8	..	260·3	11	..
466	Nemuro	43 20 N.	145 35 E.	26·7	1002·1	1005·5	−7·3	271·4	275·1	25th	264·3	259·2	13th	267·8	+0·6	267·8	23	+ 3

Between Latitude 40° N. and 30° N.

FEBRUARY—ZONE 5 (Western Half).

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure: Mean at Level of Station.	Pressure: Mean at M.S.L.	Pressure: Diff. from Normal.	Temperature: Mean Max.	Temperature: Absolute Max.	Temperature: Date.	Temperature: Mean Min.	Temperature: Absolute Min.	Temperature: Date.	Temperature: *Mean.	Temperature: Diff. from Normal.	Temperature: †24 hr. Mean.	Precipitation: Total.	Precipitation: Diff. from Normal.
		N.	W.															
511	San Francisco	37 48	122 26	47·2	1017·5	1023·3	+4·1	286·2	290·8	12th	280·2	276·3	3rd	283·2	−0·5	*282·8*	53	− 41
512	San Luis Obispo	35 18	120 39	61·3	1015·2	1022·7	+3·0	289·5	298·0	12th	279·1	270·2	3rd	284·3	−0·1	*284·0*	11	− 85
513	Modena	37 48	113 54	1670	833·9	1018·9	+1·7	278·8	288·0	28th	265·4	255·8	4th	272·1	−0·7	*271·9*	3	− 27
514	San Diego	32 43	117 10	26·5	1016·9	1020·3	+2·4	289·1	295·2	12th	280·2	275·8	2nd	284·6	−0·9	*284·5*	5	− 52
515	Santa Fé	35 41	105 57	2138	785·3	1018·6	+3·4	278·4	286·3	24th	265·3	253·6	17th	271·9	−1·1	*271·6*	2	− 20
516	Denver	39 45	105 0	1613	835·5	1018·6	+2·4	279·6	292·4	14th	264·4	252·4	17th	272·0	−0·5	*271·7*	9	− 3
517	Abilene	32 23	99 40	529·6	958·0	1020·6	+3·0	287·9	300·8	15th	272·0	261·3	17th	279·9	−0·2	*279·7*	5	− 23
518	Saint Louis	38 38	90 12	172·8	1000·8	1022·0	+2·4	276·3	291·3	15th	266·6	254·7	23rd	271·4	−2·4	*271·2*	82	+ 12
519	Mobile	30 41	88 2	17·4	1019·1	1021·3	+1·7	289·1	296·9	22nd	279·6	269·7	26th	284·4	−0·4	*284·2*	163	+ 27
520	Nashville	36 10	86 47	166·4	1002·7	1023·0	+3·0	281·5	289·7	27th	270·7	258·6	18th	276·1	−1·9	*276·0*	124	+ 14
521	Charleston	32 47	79 56	14·6	1020·5	1022·3	+2·4	287·3	296·3	22nd	278·1	271·3	29th	282·7	−1·3	*282·4*	92	+ 6
522	Washington	38 54	77 3	34·1	1017·1	1021·3	+1·7	278·9	293·0	16th	270·0	259·7	7th	274·5	+0·1	*274·4*	56	− 31
524	Bermuda	32 17	64 30	46·0	..	1024·7	+5·0	292·2	294·9	11th, 25th	286·7	280·8	8th	289·4	0·0	..	108	− 14
531	Horta	38 32	28 38	30	..	1028·0	+5·9	289·7	292	7th, 25th	286·0	279	22nd	287·8	+0·3	..	41	− 23
532	Ponta Delgada	37 45	25 41	17	1027·1	1029·1	+7·8	289·0	290·4	20th	284·8	277·8	22nd	286·9	0·0	..	15	− 73
533	Madeira (Funchal)	32 38	16 55	25	1023·6	1026·6	+5·7	291·6	294·5	12th	282·0	279·9	1st	286·8	−0·4	*287·9*	4	− 80
534	Lisbon	38 43	9 9	95	1012·5	1024·1	+4·2	288·0	289·8	6th, 13th	283·0	280·5	12th	285·5	+1·2	*285·4*	35	− 52
535	Casablanca	33 37	7 35	? 17	1022·4	1024·4	..	289·1	293·0	..	282·9	278·4	..	286·0	−0·8	*285·5*	4	− 48
536	Gibraltar	36 6	5 21	16·2	1019·0	1020·9	+2·1	291·3	294·4	25th	..	..	..	..	−0·6	*285·6*	15	− 89
		° ′	° ′	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm

* Mean of max. and min. or of observations at fixed hours.

† Computed means for the 24 hours are in *italics*.

FEBRUARY—ZONE 5 (Eastern Half).

Table representing the Meteorology of the Globe between Latitude 40° N. and 30° N.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure. Mean at Level of Station.	Pressure. Mean at M.S.L.	Pressure. Diff. from Normal.	Temperature. Mean Max.	Absolute Max.	Date.	Mean Min.	Absolute Min.	Date.	*Mean.	Diff. from Normal.	†24 hr. Mean.	Precipitation. Total.	Diff. from Normal.
		N. ° ′	E. ° ′	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.
537	Algiers	36 47	3 4	38·5	1014·5	1019·1	+1·0	290·0	296·8	19th	282·8	278·0	1st	286·4	−0·4	*286·0*	68	+ 2
538	Palma	39 33	2 42	23	1014·6	1017·4	+0·4	288·4	291·8	7th	280·8	277·0	1st, 12th	284·6	+0·3	..	9	− 24
538a	Tunis	36 48	10 10	43	..	1017·5	−0·3	289·5	295	23rd	278·9	275	2nd	284·2	+0·1	..	75	+ 29
539	Malta	35 54	14 31	59	..	1015·4	+0·1	288·4	298	9th	283·4	280	14th	285·9	+0·3	..	90	+ 32
540	Catania	37 30	15 3	64·9	1004·5	1012·4	−2·7	287·7	291·9	26th	280·8	277·7	10th	284·3	+0·7	..	55	0
541	Athens	37 58	23 43	107·1	..	1014·8	−2·8	287·5	291	24th	281·2	278	20th	284·4	+2·0	*284·3*	107	+ 69
542	Alexandria	31 9	29 54	32·0	..	1017·2	−0·5	292·6	296	10th	284·1	281	8th	288·4	+0·1	*287·8*	8	− 23
543	Cairo (Helwan)	29 52	31 20	115·6	..	1017·1	−0·9	294·3	302	3rd	282·1	279	1st	288·2	+1·0	*287·8*	0	− 2
544	Nicosia	35 12	33 24	152	..	1016·6	−0·3	290·8	291·9	18, 24, 27	275·5	271·9	1st	283·2	−0·1	*284·0*	21	− 22
544a	Beirut	33 54	35 28	52·4	..	1016·4	+2·5	291·4	298	12th	285·0	282	22nd	288·2	+1·4	..	49	−100
545	Baghdad	33 21	44 28	38·7	1014·8	1019·5	+0·6	292·9	297·0	6th	281·9	277·7	1st	287·4	+3·4	..	13	− 22
546	Lenkoran	38 46	48 52	−19	..	1023·2	+1·5	..	283	..	..	273	..	279·2	+1·6	..	238	+161
547	Busrah	30 31	47 53	7·6	1017·8	1018·7	−1·6	291·8	297·1	18th	284·1	278·7	24th	287·9	+0·8	..	8	− 19
548	Meshed	36 16	59 35	946	907·8	1018·9	..	283·4	293·8	10th	268·9	264·6	25th, 27th	276·2	+0·1	..	33	+ 9
549	Quetta	30 11	67 3	1677	833·5	..	−0·2	287·2	293·9	11th	272·1	267·4	14th	279·7	+0·9	*279·6*	11	− 40
550																		
551	Lahore	31 34	74 20	214	989·2	1015·0	−1·8	296·1	299·3	12th, 13th	280·3	275·9	26th	288·2	+0·5	*287·6*	1	− 24
551a	Simla	31 7	77 8	2205	779·4	..	−0·5	282·1	286·8	12th	275·2	269·8	26th	278·7	+0·8	*278·6*	60	− 24
552	Leh	34 10	77 42	3503	662·1	..	−1·0	275·1	279·4	9th	261·9	256·9	1st, 27th	268·5	+1·8	*267·5*	10	+ 1
552a	Dehra Dun	30 20	78 0	681	935·7	1014·7	−1·6	295·1	298·6	24th	280·8	277·4	27th	287·9	+0·4	*287·6*	25	− 34
559	Hang Kow	30 35	114 17	37·0	1021·0	1025·6	−0·3	281·5	287·0	6th	274·8	268·5	2nd	278·2	−0·5	*277·9*	39	+ 12
560	Tiensin	39 10	117 10	5·0	1024·7	1025·4	−1·5	278·8	283·3	23rd	265·5	257·4	1st	272·2	+0·8	..	0	− 3
561	Shanghai (Zi-Ka-Wei)	31 12	121 26	7	1023·6	1024·4	+0·1	280·8	285·0	25th	272·4	264·5	2nd	276·6	−1·0	275·9	29	− 29
562	Jinsen (Chemulpo)	37 29	126 32	67·0	1014·1	1022·8	−0·3	274·3	281·7	25th	266·8	255·0	2nd	270·6	−2·0	270·0	2	− 18
562a	Nagasaki	32 44	129 52	133·0	1003·3	1019·9	−1·2	281·0	288·8	25th, 26th	274·2	268·4	2nd	277·6	−1·6	277·2	72	− 6
563	Kioto	35 1	135 46	49·4	1011·1	1017·3	−2·3	281·9	285·9	24th	270·0	264·0	3rd	275·9	−0·8	275·0	47	− 14
564	Tokio	35 41	139 45	21·3	1009·9	1012·5	−4·2	281·1	284·5	25th	271·1	267·2	2nd	276·1	−0·7	275·9	45	− 27
565	Miyako	39 38	141 59	30·4	1006·6	1010·4	−5·0	278·1	284·9	26th	267·4	262·1	2nd	272·8	−0·8	271·9	34	− 30
566																		
		N.	E.															

FEBRUARY—ZONE 6.

Between Latitude 30° N. and 20° N.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure. Mean at Level of Station.	Pressure. Mean at M.S.L.	Pressure. Diff. from Normal.	Temperature. Mean Max.	Absolute Max.	Date.	Mean Min.	Absolute Min.	Date.	*Mean.	Diff. from Normal.	†24 hr. Mean.	Precipitation. Total.	Diff. from Normal.
		N.	W.															
605	Honolulu	21 19	157 52	11·6	1016·3	1017·7	+1·3	297·3	299·7	..	290·9	287·4	..	294·1	−0·3	..	31	− 92
606																		
615	Zacatecas	22 47	102 33	2610	747·1	..	..	288·6	292·8	23rd	278·5	275·6	19th, 20th	283·6	..	..	0	..
616	Leon	21 7	101 41	1798·6	823·1	..	−0·4	296·4	300·2	23rd	278·2	276·5	20th	287·3	−1·2	..	0	− 9
617	Galveston	29 18	94 50	16·5	1019·3	1021·3	+3·0	286·8	295·2	21st	280·3	268·6	18th	283·6	−2·6	*283·5*	112	+ 33
618	New Orleans	29 58	90 4	15·6	1019·1	1021·0	+2·0	289·6	299·1	21st	280·3	269·7	18th	284·9	−1·5	*284·7*	121	+ 7
619	Havana	23 8	82 22	24·3	..	1020·5	+2·3	297·3	302·0	20th	290·0	283·1	7th	293·7	−0·8	*293·6*	11	− 40
620	Key West	24 33	81 48	6·7	1019·7	1020·3	+2·0	296·3	300·2	27th	290·7	284·1	14th	293·5	−1·0	*293·4*	21	− 21
621	Nassau, Bahamas	25 5	77 21	7·6	1020·1	1020·9	+3·1	296·6	299·9	24th	291·7	289·1	2, 14, 15	294·2	−0·8	..	8	− 38
622																		
633	Puerto de Orotava	28 25	16 32	? 100	..	..	..	291·1	293·0	..	285·6	283·6	..	288·4	−0·9	..	10	− 32
634	Las Palmas, Canary Islands	28 7	W15 26	7	1023·0	1023·8	+3·0	293·3	296·4	11th	287·7	285·2	1st	290·5	−0·2	..	3	− 12
637	Insalah	27 17	E 2 27	330	984·4	1023·6	+1·1	296·8	303·0	19th, 20th	278·7	272·0	12th	287·8	−0·4	*287·0*	0	..
638																		
641	Dakhla Oasis	25 30	29 0	130·0	..	1020·4	−0·4	297·0	307	3rd	279·7	277	2nd, 9th	288·4	−0·1	*288·9*	..	..
642	Wadi Halfa	21 55	31 20	128·3	..	1016·2	−2·1	300·2	309	4th	283·2	276	1st	291·7	+1·0	*292·0*	..	..
643	Suez	29 57	32 32	3·4	..	1016·4	−0·8	295·4	299	23rd	283·2	279	1st	289·3	+0·9	..	0	− 3
644	Aswan	24 2	32 53	99·6	..	1017·8	−0·4	298·0	306	6th	284·2	282	1st, 26th	291·1	−0·6	*290·5*	..	..
647	Bushire	28 59	50 53	4	1016·0	1016·4	−1·2	292·6	297·3	21st	285·2	281·6	24th	288·9	+0·7	..	15	− 37
648	Jask	25 44	57 47	4	1014·7	1015·3	−1·4	298·1	299·3	16th, 21st	290·4	288·2	6th, 7th	294·2	+1·1	..	0	− 22
649	Kurrachee	24 53	66 57	4	1014·2	1014·6	−1·5	299·7	302·7	5th	289·9	287·2	1st	294·8	+1·2	*294·5*	0	− 10
650	Hyderabad, Sind	25 24	68 18	29	1011·0	1014·4	−1·9	301·9	306·3	23rd	285·7	282·4	1st, 26th	293·8	+1·1	..	0	− 7
651	Jaipur	26 56	75 52	436	964·7	1015·8	−1·2	300·2	305·1	24th	283·9	279·4	26th	292·1	+0·6	*291·5*	5	− 2
652	Nagpur	21 8	79 5	310	978·4	1014·4	−0·9	304·8	308·6	25th	286·0	283·7	11th	295·4	−1·3	*295·2*	0	− 11
653	Allahabad	25 25	81 51	94	1003·0	1014·1	−1·4	300·8	306·9	25th	283·1	279·7	1st	291·9	+0·1	*291·3*	1	− 12
654	Calcutta	22 36	88 23	6	1012·6	1013·4	−1·6	301·8	306·4	25th	287·8	284·9	1st, 3rd	294·8	+0·1	*294·3*	11	− 18
655	Gauhati	26 8	91 41	59	1007·5	1014·6	..	299·7	304·0	17th	284·6	280·8	28th	292·2	..	..	14	− 9
655a	Cherrapunji	25 15	91 42	1314	867·0	..	..	289·9	292·8	14, 15, 16	?	?	?	?	..	..	58	− 10
656	Shillong	25 33	91 48	1500	849·3	..	..	290·3	293·5	16th	278·3	273·4	23rd	284·3	..	..	41	+ 7
656a	Akyab	20 11	92 56	6	1012·1	1012·8	−1·6	300·6	302·9	18th	288·8	286·6	8th	294·7	−1·2	*294·5*	12	+ 9
657	Phu Lien	20 48	106 37	115·6	1001·6	1015·4	−1·5	294·1	299·8	17th	288·5	282·9	2nd	291·3	+0·9	290·2	33	+ 1
658	Moncay	21 31	107 51	10	1014·9	1016·1	−1·2	293·6	300·9	26th	286·0	280·6	6th	289·8	+0·7	*289·1*	135	+ 88
659																		
660	Hong Kong	22 18	114 10	33·2	..	1017·1	−1·9	291·2	296·8	25th	286·3	281·7	2nd	288·7	+1·1	288·6	10	− 34
661	Taihoku, Formosa	25 2	121 31	9·3	1017·5	1018·6	−1·7	291·2	299·0	15th	285·4	280·8	2nd	288·3	+0·5	287·9	92	− 34
662	Naha	26 13	127 41	10·5	1016·8	1018·1	−1·1	290·9	296·4	25th	285·1	282·0	1st, 3rd	288·0	−0·6	288·1	134	+ 16
		N. ° ′	E. ° ′	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.

* Mean of max. and min. or of observations at fixed hours.

† Computed means for the 24 hours are in *italics*.

FEBRUARY—ZONE 7.

Table representing the Meteorology of the Globe between Latitude 20° N. and 10° N.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure. Mean at Level of Station.	Pressure. Mean at M.S.L.	Pressure. Diff. from Normal.	Temperature. Mean Max.	Absolute Max.	Date.	Mean Min.	Absolute Min.	Date.	*Mean.	Diff. from Normal.	†24 hr. Mean.	Precipitation. Total.	Diff. from Normal.
		N. ° ′	W. ° ′	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.
715	Zapotlanejo	19 38	103 37	..	..	..	..	..	303·0	..	..	277·0	..	..	..	..	0	..
716	Moreña	19 42	101 7	1951	810·2	..	..	296·1	301·0	23rd	279·1	277·0	13th	287·6	..	*287·9*	0	..
717	Salina Cruz	16 12	95 12	56·3	1008·3	1014·9	..	..	306·2	23rd	..	291·6	28th	..	..	*296·9*	0	..
718	Mexico	19 26	99 8	2280	780·4	..	+2·2	294·4	298·2	23rd	278·7	275·2	13th, 14th	286·6	−0·1	286·8	0	− 7
718a	Oaxaca	17 4	96 44	1563	847·8	..	..	301·1	304·4	23rd	282·0	279·6	25th	291·6	..	*291·4*	0	..
719	Belize	19 29	88 12	1·9	..	..	..	..	301·9	..	..	289·7	..	..	..	..	74	− 3
720	San Salvador	13 44	89 9	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
721	Jamaica (Negril Point)	18 15	78 23	10·1	..	1016·2	+1·4	301·6	303·5	10th	292·1	289·9	6th	296·9	−0·6	*296·5*	2	− 37
722	Port au Prince	18 34	72 22	37·4	1013·0	1017·3	+1·5	304·3	306·4	..	292·1	288·2	..	298·2	−0·7	297·4	2	− 48
723	St. Croix (Christiansted)	17 45	64 42	6·6	1015·1	1015·8	..	299·1	301·5	..	294·7	292·9	..	296·9	..	..	27	..
724	Grenada (Richmond Hill)	12 3	61 45	155·8	996·0	1014·0	+0·1	300·4	303·0	2nd	295·1	293·6	28th	297·8	−0·2	*297·4*	136	+ 64
725	Barbados	13 8	59 36	55·2	..	1014·7	+2·2	300·5	302·3	..	296·1	290·9	..	298·3	0·0	*298·1*	30	− 7
731	St. Vincent, C. Verde Is.	16 54	25 4	11	1014·2	1015·5	+0·9	295·9	297·0	1, 2, 18	292·1	291·0	1st, 2nd	294·0	−0·5	..	0	− 3
732	San Tiago, C. Verde Is.	14 54	23 31	34	1011·4	1015·4	..	298·2	301·8	17th	293·1	291·2	7th	295·6	+0·5	..	0	− 2
733	Bathurst	13 24	16 36	1·5	..	1011·7	−1·1	306·1	311·3	21st	291·6	289·7	9, 17, 24	298·8	+1·9	*298·6*	0	0
734	M'Carthy Island	13 42	14 46	1·1	..	..	..	311·6	313·6	sev. dates	289·0	285·8	3rd	300·3	−0·1	..	0	0
735	Ségou	13 34	6 17	272	..	..	..	..	..	..	..	..	..	..	..	..	..	..
736	Timbouctoo	16 43	W 2 52	250	982·9	1011·6	−0·7	305·5	308·6	15th	286·3	282·2	17th	295·9	−0·7	*295·7*	0	0
737	Sokoto	13 2	E 5 14	354	..	..	..	305·9	309·1	3rd	291·5	289·7	14th, 18th	298·7	−0·3	..	0	0
738	Kontagora	10 24	5 29	400	..	..	..	309·7	311·9	12th	291·7	287·4	10th	300·7	−0·2	..	0	0
739	Maiduguri	11 48	13 12	361	..	..	..	306·8	311·9	4th, 5th	284·6	281·3	13th	295·7	−2·8	..	0	0
740	Katagum	12 17	10 22	30·7	..	..	..	306·2	310·8	4th	286·3	281·3	13th	296·3	−1·1	..	0	0
742	Kadugli	11 2	29 45	503	..	..	..	..	..	..	..	..	..	..	..	..	..	..
743	El Obeid	13 11	30 14	585	..	1013·2	−1·2	306·1	310	7th	286·6	282	1st	296·4	+0·3	*297·1*	0	0
744	Khartoum	15 37	32 33	390	..	1011·8	−1·0	305·8	311	7th	289·8	286	27th	297·8	+0·9	*298·0*	0	0
746	Aden	12 45	45 3	28·7	1011·9	1015·2	+0·1	300·1	302·3	18th	294·9	293·2	22nd	297·5	−0·8	*296·9*	0	− 8
751	Bombay	18 54	72 49	11·3	1011·6	1012·8	−1·7	303·2	304·7	2, 4, 8	293·6	291·3	18th	298·4	+1·2	*297·9*	0	− 1
752	Mysore	12 18	76 40	768	927·8	1014·1	−0·9	304·4	307·4	22nd	289·8	285·2	5th	297·1	−0·3	*296·7*	4	0
752a	Kodaikanal	10 13	77 28	2343	770·5	..	−2·1	290·3	292·7	14, 15, 28	281·3	278·0	7th, 8th	285·8	−1·1	285·2	33	− 11
753	Madras	13 4	80 14	6·7	1012·0	1012·7	−1·7	303·7	305·8	22nd	293·6	289·9	9th	298·7	+0·4	298·6	0	− 8
754	Waltair	17 45	83 16	68·9	1005·4	1013·4	−1·5	301·1	304·4	27th	294·2	291·6	1st	297·7	..	*297·2*	0	− 26
755	Port Blair	11 40	92 40	17·7	1009·2	1011·3	−1·9	303·4	304·8	22nd	297·5	296·1	9, 25, 28	300·4	−0·1	*299·9*	23	− 3
756	Rangoon	16 46	95 48	5·5	1011·3	1012·0	−1·7	306·8	309·2	19th	293·3	289·6	8th	300·1	+0·8	*298·9*	0	− 7
757	Saigon	10 46	106 42	11·2	1008·1	1009·3	−1·7	304·5	306·0	28th	295·8	293·0	7th	300·2	−0·2	..	2	− 3
758	Nhatrang	12 16	109 12	6·8	1011·3	1012·0	−1·6	302·2	305·5	28th	295·0	292·4	14th	298·6	+0·5	..	30	+ 10
759	Bolinao	16 24	119 53	8·5	..	1010·3	−2·3	302·8	305·7	25th	295·8	291·5	2nd	299·3	+0·2	299·2	9	− 4
760	Vigan	17 34	120 23	20	..	1010·7	−1·9	304·8	306·0	20th	295·3	293·7	9th	300·1	+0·6	299·3	0	− 3
761	Manila	14 35	120 59	14·2	..	1010·6	−2·1	304·2	306·2	27th	294·3	292·5	28th	299·3	+0·3	298·6	11	+ 1
762	Ormoc	11 0	124 36	5·6	..	1009·3	−2·1	302·7	305·1	11th	294·6	291·4	22nd	298·7	+0·3	298·2	116	+ 15
765	Guam, Ladrone Is.	13 24	144 38	20·4	..	1009·6	−0·5	301·6	304·2	9th	296·9	294·6	19th	299·3	+0·5	..	61	− 5
		N.	E.															

FEBRUARY—ZONE 8.

Between Latitude 10° N. and 0°.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure. Mean at Level of Station.	Pressure. Mean at M.S.L.	Pressure. Diff. from Normal.	Temperature. Mean Max.	Absolute Max.	Date.	Mean Min.	Absolute Min.	Date.	*Mean.	Diff. from Normal.	†24 hr. Mean.	Precipitation. Total.	Diff. from Normal.
		N.	W.															
805	Fanning Island	3 55	159 23	4·3	..	..	..	302·1	303·3	10th	296·7	295·2	25th	299·4	−0·8	*298·6*	64	−270
819	Culebra	9 10	79 40	52·4	997·9	1012·2	+0·7	303·0	305·2	28th	294·1	292·4	2nd	298·3	−0·5	..	24	+ 9
823	El Peru, Guayanavieja	7 30	62 0	? 300	985·5	..	..	302·3	303·9	24th	292·4	289·6	14th	297·4	..	..	138	..
825	Georgetown, Brit. Guiana	6 50	58 12	1·8	1013·0	1013·2	+0·1	301·8	302·4	11th	296·4	295·2	14th	299·1	−0·1	..	202	+ 50
826	Paramaribo	5 49	55 9	4	1013·3	1013·7	+0·3	302·2	304·0	2nd	295·3	293·3	11th	298·8	+0·1	*297·8*	119	− 51
826a	Cayenne	4 56	52 21	6	..	..	..	302·0	303·6	1st	296·8	294·4	14th, 15th	299·4	+0·2	*299·4*	291	− 21
833	Conakry	9 31	13 43	16	1007·4	1009·2	−2·2	304·8	306·2	..	296·8	295·4	..	300·8	+0·2	*300·8*	0	0
834	Sierra Leone	8 30	13 9	68·3	1001·9	1009·8	−1·1	305·7	307·6	12th	296·6	294·2	22nd	301·2	+0·1	..	12	+ 4
835	Cape Coast Castle	5 5	1 13	..	..	..	..	304·6	305·8	6th, 16th	295·7	294·1	6, 13, 15	300·2	+0·3	..	8	− 18
836	Accra	5 35	W 0 6	18	..	..	..	..	..	..	..	..	..	..	..	..	0	− 32
837	Lagos	6 27	E 3 24	7·6	..	1008·3	−1·8	305·2	305·8	..	298·0	296·9	..	301·6	+0·8	..	2	− 47
838	Zungeru	9 48	6 10	130	..	1009·1	−1·5	309·8	313·0	11th	293·6	289·7	12th	301·7	+0·1	..	0	0
838a	Libreville	0 23	9 26	35	..	..	..	304·3	306·0	13th	294·1	292·2	20th	299·2	−0·5	..	89	−113
839	Yola	9 12	12 30	259	..	..	..	308·9	310·8	3, 4, 9	294·4	290·8	1st	301·7	0·0	..	0	0
841	Kafia Kingi	9 22	24 18	596	..	..	..	..	..	..	..	..	..	..	..	..	0	..
842	Wau	7 42	28 3	440	..	1009·1	..	309·9	313·0	24th	292·0	288·0	2nd	301·0	..	..	12	− 3
843	Entebbe	0 5	32 29	1177	881·5	..	−1·3	299·9	303·0	19, 20, 22	289·6	286·9	18th	294·8	−0·5	*294·4*	22	− 61
844	Nandi	0 2	35 5	2010	..	..	..	..	..	..	..	..	..	..	..	..	14	− 73
845	Harrar	9 42	42 30	1856	..	..	..	299·7	302·0	15th, 16th	287·2	285·0	6th, 23rd	293·5	..	..	0	..
851	Cothin	10 0	76 21	2·7	1011·5	1011·7	−1·4	305·6	308·1	4th	296·2	293·1	9th	300·9	+0·3	*300·4*	35	+ 16
852	Colombo Observatory	6 54	79 53	7·3	1008·4	1009·2	−1·2	304·4	307·3	5th	294·3	289·7	7th	299·4	−0·6	*298·9*	20	− 38
853	Candy	7 18	80 40	504·5	..	..	..	302·2	303·7	19th, 21st	292·6	289·2	27th	297·4	+0·4	..	67	+ 5
855	Medan	3 35	98 41	23·5	..	1010·1	−1·3	..	..	..	..	..	..	..	..	..	270	+170
856	Kota Radja	5 32	95 20	7·1	..	1010·6	−0·9	..	..	..	..	..	..	..	..	..	144	+ 58
857	Penang	5 34	100 20	4·9	1007·6	1008·1	−2·3	305·4	305·8	sev. dates	294·4	294·1	sev. dates	299·9	−1·0	..	136	+ 62
858	Singapore	1 17	103 51	2·2	1008·5	1008·7	−1·5	302·8	305·2	17th	295·9	295·2	18th	299·4	+0·1	..	567	+404
860	Sandakan	5 49	118 12	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
861	Tagbilaran	9 38	123 51	26·2	..	1008·0	−2·9	303·0	304·9	9th	295·7	293·1	24th	299·4	+0·4	299·2	161	+ 50
862	Surigao	9 48	125 29	6	..	1009·1	−1·7	301·9	303·5	7th, 19th	295·8	294·2	24th	298·9	−0·1	298·3	593	+193
863	Yap	9 29	138 8	31·9	..	1007·4	−0·5	303·9	306·1	18th	297·4	294·4	18th	300·7	+0·8	..	128	− 39
869	Uyelang	9 42	161 3	< 10	1008·7	..	−1·7	..	..	..	..	..	..	..	..	..	53	+ 13
		N. ° ′	E. ° ′	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.

* Mean of max. and min. or of observations at fixed hours.

† Computed means for the 24 hours are in *italics*.

FEBRUARY—ZONE 9.

Table representing the Meteorology of the Globe between Latitude 0° and 10° S.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure: Mean at Level of Station.	Pressure: Mean at M.S.L.	Pressure: Diff. from Normal.	Temperature: Mean Max.	Temperature: Absolute Max.	Temperature: Date.	Temperature: Mean Min.	Temperature: Absolute Min.	Temperature: Date.	Temperature: *Mean.	Temperature: Diff. from Normal.	Temperature: †24 hr. Mean.	Precipitation: Total.	Precipitation: Diff. from Normal.
		° ′ S.	° ′ W.	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.
905	Malden Island	3 59	155 0	8·8	1008·7	1009·7	0·0	304·4	305·2	4, 14, 27	296·5	295·2	3rd	300·5	−0·7	*299·8*	8	− 27
906																		
923	Manaos	3 8	59 59	44·9	1002·9	1008·0	−0·3	303·8	306·0	5th	296·8	294·6	9th	300·3	..	..	247	+ 36
929	Quixeramobim	5 16	39 18	207·0	987·2	1010·6	−0·1	304·7	305·3	12th	298·4	295·8	17th	301·5	+0·6	*301·1*	78	..
930	Fernando Noronha	3 51	W32 25	95	..	..	..	..	..	..	..	..	..	..	..	..	..	..
939	Sainte-Croix-des-Eshiras	1 44	E10 21	195	..	..	..	306·7	308·5	14th, 20th	293·9	292·5	15th	300·3	+0·1	..	72	−145
940	Loango	4 38	11 45	? 50	..	..	..	303·0	304·8	11th, 13th	296·2	293·5	12th	299·6	..	*299·0*	215	..
943	Daressalam	6 49	39 18	7·6	1009·1	1009·9	−1·4	302·4	303·8	19th	297·7	293·6	16th	300·1	−0·5	300·1	73	− 1
944	Nairobi	1 18	36 59	1660	..	..	..	298·6	300·9	19th	281·9	277·4	18th	290·3	−1·0	..	0	− 77
944*a*	Zanzibar	6 10	39 11	21·9	1009·9	1012·4	−0·4	303·3	304·4	18th	299·3	296·7	25th	301·3	−0·4	*301·1*	60	− 1
945																		
946	Lamu	2 16	40 54	3·0	..	..	..	..	..	..	..	..	..	..	..	..	0	− 7
947	Seychelles	4 37	55 27	4·6	1010·0	1010·6	−0·9	301·6	302·3	..	298·7	297·2	..	300·2	+0·4	*299·6*	124	−237
948																		
955																		
956	Padang	0 56	100 22	6·7	..	1010·4	−1·1	..	..	..	..	..	..	..	..	..	100	−154
957	Batavia	6 11	106 50	8	..	1008·1	−2·0	302·3	304·7	10th	296·7	295·4	28th	299·5	+0·5	299·0	203	−121
958	Pontianak	0 1	109 20	2·6	..	1007·5	−2·1	..	..	..	..	..	..	..	..	..	198	+ 1
959	Passeroean	7 39	112 56	5·0	1007·0	1007·6	−1·4	303·8	306·0	..	296·8	295·5	..	300·3	..	*299·5*	175	− 87
960	Kajoemas	7 56	114 9	950	..	..	..	..	..	..	..	..	..	..	..	..	..	..
961	Koepang	10 10	123 34	3·3	..	1005·6	−1·5	..	..	..	..	..	..	..	..	..	298	− 80
962	Ambon	3 42	128 10	4·2	..	1007·3	−1·2	..	..	..	..	..	..	..	..	..	103	− 14
965	Daru	9 4	143 13	8	..	1008·4	−1·2	303·8	..	..	297·2	..	..	300·5	+0·2	..	228	− 86
966	Port Moresby	9 29	147 9	39	..	?1008·1	?−0·7	305·5	..	..	295·4	..	..	300·5	−0·2	..	164	− 72
967	Rakuranga	4 13	152 8	? 120	..	..	..	..	..	..	..	..	..	..	..	..	164	− 72
968	Rendova	8 24	157 19	..	..	..	..	..	..	..	..	..	..	..	..	..	89	..
969	Tulagi, Brit. Solomon Is.	9 5	160 8	53·6	1001·2	1007·3	−0·3	302·4	303·6	2nd	297·3	295·2	8th	299·9	..	..	343	−188
970	Ocean Island	0 52 S.	169 36 E.	48·5	..	1009·4	+1·3	304·4	305·4	21st	298·0	296·3	5th	301·2	+0·4	*300·6*	431	+ 23
																	37	−201

FEBRUARY—ZONE 10.

Between Latitude 10° S. and 20° S.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure: Mean at Level of Station.	Pressure: Mean at M.S.L.	Pressure: Diff. from Normal.	Temperature: Mean Max.	Temperature: Absolute Max.	Temperature: Date.	Temperature: Mean Min.	Temperature: Absolute Min.	Temperature: Date.	Temperature: *Mean.	Temperature: Diff. from Normal.	Temperature: †24 hr. Mean.	Precipitation: Total.	Precipitation: Diff. from Normal.
		° ′ S.	° ′ W.	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.
1001																		
1002	Apia, Samoa	13 49	171 45	4	1009·6	1010·0	+1·8	301·7	303·3	..	297·0	295·9	..	299·4	+0·2	*299·1*	419	− 5
1003	Alofi, Niue Island	19 2	169 55	36·6	1008·7	1012·9	+1·1	303·9	307·4	19th	295·4	293·6	26th, 27th	299·7	−0·4	..	260	+ 8
1004																		
1007	Makatea	15 47	148 14	39	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1008																		
1021	Puerto de Arica	18 28	70 20	10	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1022	Arequipa	16 22	71 33	2451	761·0	..	−0·6	291·1	293·6	19th	..	..	..	286·4	..	..	13	− 77
1023																		
1024	Sucre, Bolivia	19 3	67 17	2844	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1025	Araguaya	15 33	52 59	488	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1026	Cuyaba	15 35	56 0	235	989·4	1016·2	−0·7	302·8	305·0	6th	297·9	296·5	2nd	297·7	−0·4	..	230	+ 36
1027	Bello Horizonte	19 54	43 30	857	915·6	1009·8	..	303·1	306·0	..	293·1	290·0	..	298·1	..	..	305	..
1028	Cætite	14 2	42 37	900	913·5	1012·8	..	301·4	304·2	1st	291·2	288·2	25th	296·3	..	..	60	..
1029	Ondina	13 0	38 30	45·2	1005·7	1010·9	..	304·4	306·0	8, 9, 13	296·2	295·5	1, 6, 25	300·3	..	..	88	..
1030	Aracaju	10 55	37 4	4·3	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1035	St. Helena	15 57	W 5 40	? 620	946·0	1016·9	−0·1	294·3	297·4	27th	288·6	287·2	15th	291·5	−0·4	*291·3*	98	+ 6
1036																		
1041																		
1042	Gwelo	19 26	E30 2	1416	856·4	..	−0·6	298·9	302·6	..	288·0	283·0	..	293·4	−0·1	..	183	+ 64
1043	Salisbury, Rhodesia	17 48	31 5	1487	855·3	..	−0·4	298·4	301·9	..	288·2	284·2	..	293·3	+0·1	..	93	−111
1044	Zomba	15 23	35 18	954	904·2	1008·6	−1·1	301·7	302·4	11th	291·2	287·9	3rd	296·5	+1·4	*296·0*	276	− 3
1045	Tamatave	18 9	49 26	4	1009·1	1009·5	−0·7	304·2	305·8	..	296·3	294·2	..	300·3	−0·6	..	282	− 44
1046	Tananarivo	18 55	47 32	1400	862·5	..	0·0	299·8	302·3	2nd, 13th	289·4	287·2	16th	294·6	−0·3	293·4	228	− 65
1055	Cocos Keeling Is.	12 5	96 54	4·6	..	..	..	..	..	..	..	..	..	..	..	..	189	+ 11
1056																		
1057	Christmas Is.	10 25	105 43	5·5	1004·6	1005·2	−2·5	303·2	305·9	..	297·1	294·8	..	300·2	−0·2	..	473	+183
1058																		
1061	Derby	17 18	123 40	16·2	..	1005·9	−1·0	308·1	317·2	9th	298·8	294·7	24th	303·5	+0·2	..	131	− 35
1062	Hall's Creek	18 13	127 46	373·6	..	1004·7	−2·3	309·6	313·4	12th	295·7	290·7	1st	302·7	−0·2	..	91	− 33
1063	Port Darwin	12 28	130 51	29·6	..	1005·0	−1·0	304·4	306·0	11th	297·7	295·8	14th	301·1	−0·4	*300·0*	418	+ 87
1064	Daly Waters	16 16	133 23	210·6	..	1004·1	..	307·3	310·8	8th, 11th	296·6	294·9	23rd	302·0	−0·8	*301·5*	336	+167
1065	Mein	13 13	142 57	121·9	..	1005·8	..	303·7	306·3	19th	296·8	295·2	3rd	300·3	..	..	419	+158
1066	Georgetown, Queensland	18 23	143 33	301·8	..	1007·8	..	305·4	308·6	10th	295·2	291·3	27th	300·3	..	..	187	+ 13
1067	Samarai	10 37	150 40	6·4	..	1008·0	0·0	303·7	..	..	298·1	..	..	300·9	+0·2	..	228	+ 14
1068																		
1070	La Kolle	17 40	168 20	30	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1072	Suva, Fiji	18 8 S.	178 26 E.	13·4	..	1010·6	+1·5	304·5	308·6	6th	296·6	295·3	28th	300·6	+0·7	..	294	+ 44
		° ′	° ′	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.

* Mean of max. and min. or of observations at fixed hours.

† Computed means for the 24 hours are in *italics*.

Table representing the Meteorology of the Globe between Latitude 20° S. and 30° S.

FEBRUARY—ZONE 11.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure: Mean at Level of Station.	Pressure: Mean at M.S.L.	Pressure: Diff. from Normal.	Temperature: Mean Max.	Temperature: Absolute Max.	Temperature: Date.	Temperature: Mean Min.	Temperature: Absolute Min.	Temperature: Date.	Temperature: *Mean.	Temperature: Diff. from Normal.	Temperature: †24 hr. Mean.	Precipitation: Total.	Precipitation: Diff. from Normal.
		° ′ S.	° ′ W.	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.
1105	Rarotonga (Avarua)	21 12	159 47	..	..	..	..	301·2	302·4	6th, 7th	296·0	292·7	24th	298·6	..	..	240	− 14
1106																		
1115	Mataveri, Easter Island	27 10	109 26	30	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1116																		
1121	Punta Tortuga, Coquimbo	29 56	71 21	25	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1122	Puerto de Antofagasta	23 39	70 25	5	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1125	Goya	29 9	59 15	64	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1126	Porto Alegre	30 1	51 13	24·5	1008·2	1011·0	..	301·0	306·2	15th	291·2	288·1	1st, 21st	296·1	..	*297·6*	129	+ 73
1127	Curityba	25 25	49 15	908	911·3	1012·2	−1·7	298·5	303·5	20th	288·9	284·0	12th	293·7	−0·2	*293·1*	257	+112
1128	Rio de Janeiro	22 54	W43 10	61	1002·9	1010·0	−1·8	..	306·0	..	..	293·3	..	..	−0·6	298·1	155	+ 47
1139	Windhuk	22 34	E17 6	1665·3	831·9	..	..	..	..	..	..	..	..	..	−0·8	294·2	..	..
1140																		
1141	Johannesburg	26 11	28 4	1806	821·6	..	+0·1	295·4	299·2	19th	285·9	283·2	15th, 24th	290·7	−0·4	*290·2*	100	− 25
1142	Kimberley	28 42	28 47	1202	880·3	..	−0·8	302·7	..	..	288·9	..	..	295·8	−0·7	295·3	43	− 35
1142*a*	Pretoria	25 45	28 11	1339	866·8	..	+0·3	300·6	304·6	19th	287·8	284·6	16th	294·2	−0·3	..	133	+ 19
1143	Durban	29 51	31 0	80	1005·1	1014·4	−1·8	300·4	303·5	18th	293·1	290·6	21st	296·8	−1·2	..	74	− 40
1144	Lorenzo Marques	25 58	32 36	59	..	1013·4	+0·7	302·4	307·9	25th	293·6	291·0	28th	298·0	−1·2	297·2	289	+200
1147	Mauritius	20 6	57 33	54·3	1003·6	1009·9	−1·2	302·6	303·8	6th	294·7	291·4	20th	298·6	−0·4	298·4	102	− 85
1148																		
1159	Onslow	21 43	114 57	4·3	..	1004·0	−2·7	309·7	318·8	22nd, 23rd	298·6	294·4	28th	304·2	+1·2	..	26	+ 9
1160	Peak Hill	25 38	118 47	588·3	..	1004·1	−2·7	312·1	316·2	13th	298·4	295·8	9th	305·3	+2·5	..	24	− 7
1161	Nullagine	21 53	120 5	385·6	..	1004·5	−1·6	313·1	317·3	12th	298·7	294·6	1st	305·9	+1·7	..	45	− 2
1162	Laverton	28 40	122 23	466·3	..	1010·1	−0·9	308·7	314·7	12th	295·1	289·4	24th	301·9	+2·5	..	17	− 6
1163	Alice Springs	23 38	133 37	587·0	..	1006·3	−0·6	308·6	312·9	15th	294·2	287·9	9th	301·4	+0·4	*301·6*	0	− 45
1164	William Creek	28 55	136 21	76·2	..	1010·7	..	309·3	315·9	16th	293·4	288·6	8th	301·4	..	*301·2*	1	− 10
1165	Boulia	22 55	139 38	145·7	..	1005·6	..	310·2	314·2	5th, 10th	297·0	294·1	23rd	303·6	..	..	37	− 20
1166	Mitchell	26 32	147 52	337·1	..	1011·0	..	305·3	310·2	6th	291·0	286·9	4th	298·2	..	..	40	− 39
1167	Rockhampton	23 24	150 30	11·3	..	1010·8	..	304·3	308·0	5th	294·1	289·0	1st	299·2	..	..	33	−179
1168	Brisbane	27 28	153 2	41·7	..	1013·1	+1·0	302·2	310·2	5th	292·7	290·8	1st, 24th	297·4	−0·3	..	106	− 73
1169	Noumea	22 16	166 27	9	1006·2	1007·2	..	304·5	307·0	10th	296·8	294·4	2nd	300·7	+1·4	..	199	+ 87
1170	Norfolk Island	29 4 S.	167 58 E.	..	..	..	..	..	..	..	..	..	..	..	..	..	77	− 74

Between Latitude 30° S. and 40° S.

FEBRUARY—ZONE 12.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure: Mean at Level of Station.	Pressure: Mean at M.S.L.	Pressure: Diff. from Normal.	Temperature: Mean Max.	Temperature: Absolute Max.	Temperature: Date.	Temperature: Mean Min.	Temperature: Absolute Min.	Temperature: Date.	Temperature: *Mean.	Temperature: Diff. from Normal.	Temperature: †24 hr. Mean.	Precipitation: Total.	Precipitation: Diff. from Normal.
		° ′ S.	° ′ W.	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.
1219																		
1220	Juan Fernandez	33 37	78 50	10	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1221	Punta Angeles, Valparaiso	33 1	71 38	40	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1222	Santiago	33 27	70 42	520	953·7	1013·1	+1·0	..	306·2	9th	..	279·4	18th	291·6	−0·2	*291·7*	0	− 2
1223	Cordoba	31 25	64 12	439	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1224	Buenos Ayres	34 16	64 11	25·2	1008·9	1011·8	−1·0	300·3	306·5	7th	286·6	277·2	20th	293·5	−1·7	294·2	55	− 6
1225	Rio Grande	32 2	52 6	2·3	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1226	Montevideo	34 52	W56 12	29·3	1008·9	1012·3	+0·5	299·7	307·1	14th	287·8	282·0	1st	293·7	−1·7	293·6	63	− 1
1239	Cape Town	33 56	E18 29	12	1011·5	1012·9	−0·2	299·9	309·9	..	289·7	281·8	..	294·8	+0·7	*293·3*	10	− 5
1240	Danger Point	34 37	19 18	20	..	..	..	294·2	296·3	1, 6, 19	288·8	284·7	19th	291·5	..	..	65	..
1241	Heidelberg	34 5	20 58	1541	..	..	..	298·1	310·2	9th	287·7	282·4	18, 19, 25	292·9	−0·1	..	52	+ 25
1242	East London	33 2	27 55	10·1	1012·9	1014·1	+0·1	296·9	299·1	7, 15, 26	290·8	287·4	20th	293·9	−0·3	..	128	+ 72
1259	Perth (Observatory)	31 57	115 51	60·0	..	1012·6	−0·8	304·3	312·4	17th	292·1	287·3	21st	298·2	+1·9	..	1	− 3
1260	Katanning	33 42	117 35	309·7	..	1013·9	−0·3	303·1	314·1	18th	286·4	282·5	13th	294·8	−0·4	..	6	− 6
1261	Coolgardie	30 57	121 10	423·3	..	1012·9	+0·5	303·6	312·7	12th	289·8	285·8	22nd	296·7	−0·6	..	22	+ 3
1262	Eucla	31 45	128 58	4·6	..	1014·1	−0·2	299·4	316·8	14th	291·1	287·4	19th	295·3	+0·5	..	0	− 14
1263	Streaky Bay	32 48	134 13	13·1	..	1014·3	+0·3	303·1	314·1	20th	288·4	283·6	8th	295·8	+0·6	..	1	− 10
1264	Adelaide	34 56	138 35	42·7	..	1014·5	+0·3	304·8	314·1	16th	290·5	283·8	9th	297·7	+1·3	*297·1*	2	− 13
1265	Melbourne	37 49	144 57	35·1	..	1014·6	0·0	300·3	312·1	19th	287·8	281·2	13th	294·1	+1·5	*293·7*	10	− 34
1266	Bourke	30 13	145 58	110·1	..	1012·6	+1·3	308·8	312·7	15th	292·6	288·4	14th	300·7	−0·6	..	3	− 45
1267	Sydney	33 51	151 13	44·5	..	1015·9	+0·9	299·1	304·7	7th	290·9	286·6	14th	295·0	+0·3	..	17	−103
1268	Lord Howe Island	31 32	159 4	..	..	..	..	..	..	..	..	..	..	..	..	..	245	+128
1271	Auckland	36 50 S.	174 50 E.	38·1	..	1015·2	..	297·8	300·8	23rd	291·1	286·3	2nd	294·5	+2·2	..	154	+ 80
1272																		

Between Latitude 40° S. and 50° S.

FEBRUARY—ZONE 13.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure: Mean at Level of Station.	Pressure: Mean at M.S.L.	Pressure: Diff. from Normal.	Temperature: Mean Max.	Temperature: Absolute Max.	Temperature: Date.	Temperature: Mean Min.	Temperature: Absolute Min.	Temperature: Date.	Temperature: *Mean.	Temperature: Diff. from Normal.	Temperature: †24 hr. Mean.	Precipitation: Total.	Precipitation: Diff. from Normal.
		° ′ S.	° ′ W.	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.
1301	Chatham Island	43 52	170 42	46	..	..	..	292·2	295·8	13th	285·9	280·2	28th	289·1	+2·0	..	71	+ 4
1302																		
1321	Punta Corona	41 51	73 50	25	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1322	Punta Galera	40 1	73 44	40	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1323	Bahia Blanca	38 45	W62 12	20	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1324																		
1365	Hobart	42 53	E147 22	53·9	..	1012·8	+0·7	296·0	306·1	2nd	285·2	278·4	13th	290·6	+1·0	*289·3*	9	− 29
1366	Launceston	41 27	147 10	9·4	..	1013·3	..	298·4	308·6	20th	284·8	279·3	5th	291·6	+0·5	..	1	− 28
1369																		
1370	Dunedin	45 52	170 31	91	..	1015·1	+2·6	291·7	297·4	12th	283·6	278·0	27th	287·6	+0·4	..	44	− 29
1371	Christchurch	43 32	172 38	7·6	..	1016·4	+2·1	295·5	304·1	27th	285·4	280·6	1st	290·5	+1·5	..	20	− 27
1372	Wellington	41 16 S.	174 46 E.	33·5	..	1017·5	+2·9	294·5	298·7	25th	287·7	282·9	1st	291·1	+1·2	..	108	+ 25
		° ′	° ′	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.

* Mean of max. and min. or of observations at fixed hours.

† Computed means for the 24 hours are in *italics*.

FEBRUARY—ZONE 14. Table representing the Meteorology of the Globe between Latitude 50° S. and 60° S.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure: Mean at Level of Station.	Pressure: Mean at M.S.L.	Pressure: Diff. from Normal.	Temperature: Mean Max.	Temperature: Absolute Max.	Temperature: Date.	Temperature: Mean Min.	Temperature: Absolute Min.	Temperature: Date.	Temperature: *Mean.	Temperature: Diff. from Normal.	Temperature: †24 hr. Mean.	Precipitation: Total.	Precipitation: Diff. from Normal.
		° ′ S.	° ′ W.	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.
1421	Islota de los Evangelistas	52 24	75 6	55	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1422	Puerto de Punta Arenas	53 10	70 54	4	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1423	Punta Dungeness	52 24	68 25	5	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1425	Cape Pembroke	51 41	57 42	15	1000·0	1001·8	+1·4	284·7	?290·2	11th	279·2	275·2	17th, 18th	281·9	−0·2	282·0	..	..
1426	Stanley, Falkland Is.	51 41	57 51	4	..	..	..	..	....	..	..	..	..	..	..	..	6	− 55
1429	S. Georgia (Cumberland Bay)	54 14	36 34	3	1001·2	1001·6	+5·5	282·5	291·0	6th	275·0	272·0	22nd	278·8	−0·6	*278·2*	31	− 93
		S.	W.															

FEBRUARY—ZONE 15. Between Latitude 60° S. and 70° S.

		S.	W.															
1527	South Orkneys	60 44	44 39	6·9	994·3	995·2	+4·0	275·5	278·5	22nd	272·3	269·8	27th	273·9	+0·2	273·8	21	− 21
1528		° ′	° ′	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.

* Mean of max. and min. or of observations at fixed hours. † Computed means for the 24 hours are in *italics*.

DAILY OBSERVATIONS OF WIND WITHIN THE TROPICS.—FEBRUARY 1910.

Date.	St. Helena.* 1035. Direction.	St. Helena.* 1035. Mean Velocity for the Day.	Fanning Island. 805. Direction and Force.		Sierra Leone. 834. Direction and Force.		Malden Island. 905. Direction and Force.		Tulagi. 969. Direction and Force.	Ocean Island. 970. Direction and Force.		Suva, Fiji. 1072. Direction.	Suva, Fiji. 1072. Mean Velocity, 24 hrs. ending 9 a.m.
	9 a.m.	m/s.	9 a.m.	9 p.m.	9 a.m.	5 p.m.	9 a.m.	8 p.m.	9 a.m.	9 a.m.	9 p.m.	9 a.m.	m/s.
1	SE	11·4	SE 4	SE 4	Calm 0	N 1	E 2	E 2	NW 2	E 3	E 3	..	2·5
2	SE by S	10·4	SE 4	E 4	Calm 0	N 1	E 2	NE 2	Calm 0	E 4	E 4	..	1·6
3	SE	7·8	SE 4	SE 4	N 1	NW 3	E 2	NE 2	NW 3	E 3	E 3	..	1·8
4	SE	9·5	SE 4	SE 4	N 1	N 1	E 2	E 2	NW 2	E 4	E 4	..	1·7
5	SE by S	8·3	E 4	E 4	N 1	NW 1	E 4	E 1	Calm 0	E 4	E 3	..	1·6
6	SE by S	5·5	E 4	E 4	NW 1	N 1	NE 4	E 4	NW 3	SE 4	SE 7	..	1·8
7	SE by S	5·3	E 4	SE 4	Calm 0	NW 2	E 4	E 2	SE 4	E 5	..	..	1·9
8	SE	4·5	SE 4	SE 4	N 1	NW 2	E 4	E 2	SE 5	SE 4	SE 3	..	1·9
9	SE by S	6·3	E 4	SE 4	N 1	N 1	E 3	E 2	SE 4	SE 3	NE 7	..	1·5
10	SE by S	6·9	E 4	NE 4	Calm 0	Calm 0	NE 3	E 2	Calm 0	NE 7	E 3	..	1·8
11	SE	6·3	NE 4	NE 4	Calm 0	N 1	E 3	E 3	SE 5	NE 7	E 4	..	2·0
12	SE	5·8	NE 4	E 4	N 1	N 2	E 3	E 4	SE 5	E 4	E 4	..	1·8
13	SE	5·4	E 4	E 4	Calm 0	N 1	E 2	E 5	SE 4	SE 5	E 4	..	2·1
14	SE	6·1	E 4	SE 4	NW 1	N 3	E 4	E 4	Calm 0	E 3	E 4	..	3·4
15	SE	6·2	SE 4	SE 4	Calm 0	N 2	E 3	E 3	NW 2	E 4	E 3	..	4·0
16	SE	4·9	E 4	SE 4	N 2	NW 3	E 3	E 2	Calm 0	E 4	E 4	..	2·5
17	SE	6·3	E 4	SE 4	Calm 0	NW 2	E 2	E 2	SE 3	E 3	E 4	..	2·0
18	SE	9·8	SE 3	E 4	Calm 0	Calm 0	E 3	E 2	SE 3	E 7	E 5	..	1·1
19	SE by S	8·1	E 4	E 4	Calm 0	NW 1	E 2	E 3	Calm 0	E 6	E 3	..	1·1
20	SE by S	7·7	E 4	E 4	Calm 0	N 2	E 5	E 2	Calm 0	E 3	E 4	..	2·3
21	SE by S	8·0	E 4	SE 4	Calm 0	N 1	E 2	E 3	NW 5	NE 5	E 4	..	4·3
22	SE by S	7·1	SE 4	SE 4	Calm 0	S 2	E 3	E 1	NW 2	E 4	E 3	..	1·2
23	SE by S	8·4	SE 4	NE 4	Calm 0	N 2	E 2	E 1	NW 2	E 4	E 3	..	2·3
24	SSE	8·2	E 4	E 4	E 1	N 3	E 1	E 2	NW 1	E 3	E 4	..	2·1
25	SE	8·8	E 6	E 6	SE 2	N 2	NE 3	E 3	SE 3	E 4	E 3	..	0·9
26	SE by S	7·5	E 6	E 6	SE 1	N 0	E 2	NE 2	Calm 0	E 4	E 3	..	1·0
27	SSE	4·8	E 6	NE 6	SE 2	NW 1	E 2	E 1	Calm 0	E 3	E 5	..	2·9
28	SSE	3·7	NE 6	E 4	Calm 0	N 2	NE 2	NE 2	Calm 0	SE 4	E 3	..	2·1
Mean for Month	..	7·1	4·3	4·2	0·6	1·5	2·8	2·4	2·1	4·2	3·9	..	2·0
Deviation from Normal	..	+0·2	..	..	..	..	−0·6		..	+1·4		..	..

* Direction and velocity in the South-East Trade Wind at 620 metres.

STATE OF ICE IN THE ARCTIC SEAS AND IN THE NORTH ATLANTIC.—FEBRUARY 1910.

**Spitsbergen.*—" Bell Sound remained filled with polar ice."

**Greenland Sea, Iceland, and Denmark Strait.*—" The coasts of Iceland were ice-free. Off Angmagsalik the Storis was closely packed everywhere."

North Atlantic and Labrador.—" There was little ice, but some floes in 48° W., 46–47° N."

**Davis Strait and Baffin Bay.*—" On the 12th the sea became ice-free from Cape Farewell to Sagdlet, the ice drifting northward."

**Bering Sea.*—" All through February the ice lay close to the coast off Nome."

* *Isforholdene i de arktiske Have, 1910*, issued by the Danish Meteorological Institute.

RÉSEAU MONDIAL, MARCH 1910

TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE FOR THE MONTH OF MARCH 1910 BY MEANS OF STATIONS SELECTED AT THE RATE OF TWO FOR EACH TEN-DEGREE SQUARE.

Between Latitude 80° N. and 70° N. MARCH—ZONE 1.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure: Mean at Level of Station.	Pressure: Mean at M.S.L.	Pressure: Diff. from Normal.	Temperature: Mean Max.	Temperature: Absolute Max.	Temperature: Date.	Temperature: Mean Min.	Temperature: Absolute Min.	Temperature: Date.	Temperature: *Mean.	Temperature: Diff. from Normal.	Temperature: †24 hr. Mean.	Precipitation: Total.	Precipitation: Diff. from Normal.
		° ′ N.	° ′ W.	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.
123	North Star Bay	76 30	68 55	6·5	..	..	..	..	..	..	..	..	..	..	..	..	..	..
124																		
125	Upernivik	72 47	W56 7	18·9	1008·4	1011·0	− 1·6	254·5	267·7	12th	246·3	240·2	7th	250·4	−1·8	*250·0*	5	− 16
126																		
139	Spitsbergen	78 2	E 14 14	11·4	..	..	..	..	..	..	..	..	..	..	..	..	..	..
140																		
141	Gjesvaer	71 6	25 22	6·5	1007·1	1007·9	+2·7	..	279·9	31st	..	265·7	2nd	..	+2·9	*272·5*	57	+ 10
142	Mehavn	71 1	27 47	6·4	1008·4	1009·2	..	..	279·9	31st	..	263·1	13th	..	..	*271·2*	27	− 20
143	Vardö	70 22	31 8	10·0	1009·4	1010·7	+4·5	..	276·8	31st	..	264·4	14th	..	+2·8	*270·9*	7	− 42
144																		
147																		
148		N.	E.															

Between Latitude 70° N. and 60° N. MARCH—ZONE 2.

		N.	W.															
203	Nome	64 30	165 24	6·7	..	1006·1	..	263·0	273·6	15th, 18th	254·2	240·8	30th	258·6	..	..	6	..
204																		
205	Tanana	65 12	152 0	? 73·8	..	?1008·4	..	263·5	278·0	19th	252·3	234·1	3rd	257·9	..	..	15	..
206																		
207	Valdez	61 6	146 13	8·2	..	1004·7	..	273·6	280·8	17th	265·5	254·1	7th	269·6	..	..	88	..
208	Eagle	64 46	141 12	248	..	1007·1	..	268·4	284·1	15th	249·4	227·4	1st	258·9	..	..	5	− 3
209	Dawson	64 4	139 20	321	969·8	1011·4	−6·8	264·8	280·5	15th	251·9	230·8	3rd	258·4	+1·5	..	17	..
210	Carcross	60 11	134 34	662	..	..	..	270·3	280·8	17th	260·3	238·6	6th	265·3	..	..	24	..
211																		
212	Fort Simpson	61 52	120 43	129	..	..	..	..	..	..	..	..	..	..	..	..	..	..
213	Hay River	60 51	115 20	161	..	..	..	..	..	..	..	..	..	..	..	..	..	..
225	Jacobshavn	69 13	51 2	12·6	1006·3	1008·0	−2·8	258·3	274·5	12th	248·6	237·1	29th	253·5	−4·3	*253·5*	6	− 6
226	Godthaab	64 11	51 44	9	1001·1	1002·3	−3·8	268·9	274·4	6th, 9th	261·0	254·1	29th	265·0	0·0	*263·7*	100	+ 54
229	Angmagsalik	65 37	37 34	31·7	997·4	1001·5	−3·2	268·8	274·4	19th	257·8	248·8	8th	263·3	−1·9	..	37	− 15
230																		
231	Stykkisholm	66 5	22 46	11·3	998·7	1000·3	−5·7	274·9	280·0	26th	269·8	264·0	11th	272·4	+2·0	*272·7*	68	+ 19
232	Vestmanno	63 26	20 15	7·7	1003·9	1004·8	0·0	278·8	283·0	29th, 30th	273·0	266·4	17th	275·9	+1·7	*275·9*	150	+ 43
233	Grimsey (Akureyri)	66 33	17 58	6·8	1001·8	1002·7	−5·2	273·9	280·2	26th	268·8	263·7	17th	271·4	+1·9	*271·2*	2	− 25
234	Berufjord	64 40	14 19	18·0	1000·4	1002·7	−3·7	277·9	283·4	30th	271·4	264·8	17th	274·7	+3·6	*274·8*	186	+109
235	Thorshavn	62 3	W 6 45	25·7	1007·6	1010·8	+4·5	280·7	284·2	21st	275·4	268·1	18th	278·1	+2·1	..	81	− 64
236																		
237	Bergen (Met. Obs.)	60 24	E 5 19	44·4	1011·2	1016·7	+5·6	..	282·8	4th	274·5	269·8	1st	..	+1·7	*276·8*	131	− 20
238	Christiansund	63 7	7 45	17·8	1011·5	1013·6	+4·4	..	285·2	3rd	274·9	269·8	1st	..	+2·8	*277·4*	99	+ 19
239	Trondhjem	63 26	10 25	39·5	1009·4	1014·3	+4·3	..	283·2	28th	271·9	263·4	1st	..	+3·0	*274·9*	81	+ 5
240	Bodö	67 17	14 24	20·5	1008·2	1010·8	+3·3	..	279·4	30th	271·6	265·2	1st	..	+2·9	*274·3*	82	+ 22
241	Haparanda	65 50	24 9	9·2	1012·0	1013·2	+3·5	272·1	281·0	31st	263·7	253·5	14th	267·9	+3·8	*268·3*	19	− 7
242	Helsingfors	60 10	24 57	11·7	..	1015·8	+4·4	276·2	282·3	31st	271·8	269·2	24th, 30th	275·0	+4·9	273·9	23	− 7
242*a*	Kuopio	62 54	27 40	99·7	..	1014·8	+3·9	275·1	279·0	5th	267·2	256·5	14th	271·1	+4·5	*271·6*	29	..
243	Kola	68 53	33 1	6·7	..	1013·5	+7·2	..	279·3	31st	..	257·4	13th	..	+2·6	*267·8*	11	+ 5
244	Petrozavodsk	61 47	34 23	38·9	..	1015·2	+3·9	..	280	..	..	255	..	..	+4·7	*271·9*	..	..
245	Arkhangelsk	64 33	40 32	6·7	..	1014·7	+5·9	..	275	..	..	245	..	..	+2·9	*268·3*	29	+ 8
246	Velsk	61 5	42 7	? 83	..	..	..	..	..	..	..	..	..	..	..	..	..	..
247	Oust-Tsylma	65 27	52 10	? 25	..	1015·0	−0·4	..	278	..	..	245	..	..	+1·1	*263·9*	..	..
248	Troitsko-Petcherskoe	62 42	56 13	? 123	..	..	..	..	..	..	..	..	..	..	..	..	..	..
249	Berezov	63 56	65 4	39·9	..	..	..	..	..	..	..	..	..	..	..	..	..	..
250	Obdorsk	66 31	66 35	23·7	..	..	..	..	..	..	..	..	..	..	..	..	..	..
251	Sourgout	61 15	73 24	? 40	..	..	..	..	..	..	..	..	..	..	..	..	..	..
252																		
253	Touroukhansk	65 55	87 38	? 40	..	..	..	..	..	..	..	..	..	..	..	..	..	..
254	Doudinka	69 7	87 0	? 20	..	..	..	..	..	..	..	..	..	..	..	..	..	..
261	Olekminsk	60 22	120 26	? 135	..	..	..	..	..	..	..	..	..	..	..	..	..	..
262	Iakoutsk	62 1	129 43	? 108	..	..	..	..	..	..	..	..	..	..	..	..	..	..
263	Verkhoïansk	67 33	133 24	? 100	..	..	..	..	..	..	..	..	..	..	..	..	..	..
264	Oust-Maïskoe	60 25	134 29	? 100	..	..	..	..	..	..	..	..	..	..	..	..	..	..
271	Novo-Mariinskii Post	64 45	177 50	? 20	..	..	..	..	..	..	..	..	..	..	..	..	..	..
272	Novo-Mariinskii Post	64 45	177 33	5·2	..	..	..	..	..	..	..	..	..	..	..	..	..	..
		N. ° ′	E. ° ′	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.

* Mean of max. and min. or of observations at fixed hours. † Computed means for the 24 hours are in *italics*.

MARCH—ZONE 3.

Table representing the Meteorology of the Globe between Latitude 60° N. and 50° N.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure: Mean at Level of Station.	Pressure: Mean at M.S.L.	Pressure: Diff. from Normal.	Temperature: Mean Max.	Temperature: Absolute Max.	Temperature: Date.	Temperature: Mean Min.	Temperature: Absolute Min.	Temperature: Date.	Temperature: *Mean.	Temperature: Diff. from Normal.	Temperature: †24 hr. Mean.	Precipitation: Total.	Precipitation: Diff. from Normal.
301				metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.
302		° N. ′	° W. ′															
303	Dutch Harbour	53 54	166 32	4·0	..	993·2	..	275·2	279·7	18th, 20th	267·2	259·7	6th	271·2	..	..	61	..
304																		
305																		
306																		
307																		
308																		
309	Sitka	57 4	135 20	27	..	1005·7	−2·1	279·7	288·0	15th	272·6	263·6	5th	276·2	+0·6	..	165	− 5
310	Prince Rupert	54 18	103 18	52	..	..	..	..	..	..	..	..	..	..	..	..	..	..
311	Barkerville	53 2	121 35	1274	..	1011·8	..	277·5	285·2	19th	268·6	260·8	6th	273·1	+3·6	*273·2*	33	−19
312	Kamloops	50 41	120 29	380	..	1014·2	−0·3	286·9	294·1	18th	275·2	270·5	9th	281·1	+5·4	*281·0*	5	− 6
313	Calgary	51 2	114 2	1033	..	1012·0	−5·6	284·3	292·4	5th	270·5	260·8	12th	277·4	+9·6	*277·5*	28	+10
314	Fort Chipewyan	58 42	111 10	218	985·5	1013·5	..	270·1	282·4	14th	257·3	238·6	1st	263·7	..	*264·5*	14	..
315	Prince Albert	53 10	106 0	437	..	1010·8	−5·8	278·9	293·0	22nd	267·1	250·8	1st	273·0	+10·9	*273·6*	8	−18
316	Qu'Appelle	50 30	103 47	645	..	1012·2	−5·2	281·3	297·4	22nd	269·1	253·0	1st	275·2	+12·0	*275·7*	45	+18
317	Minnedosa	50 15	99 50	518	..	1013·9	..	281·1	297·4	23rd	267·8	256·8	9th	274·5	+11·0	*274·5*	21	0
318	Berens River	52 18	97 23	216	..	..	..	273·6	286·3	..	262·3	249·1	..	267·9	..	*267·9*	106	..
318a	York Factory	57 0	92 28	11	1012·5	1014·0	−5·4	..	275·8	14th	247·9	240·8	17th	..	..	*254·8*	..	..
319	Fort Hope	51 32	87 48	? 270	979·2	1013·4	..	273·6	283·6	21st	260·6	241·3	18th	267·1	+ 7·6	..	31	+13
320	Moose Factory	51 16	80 56	9	1012·5	1013·7	..	270·6	280·2	31st	257·3	237·4	17th	263·9	+ 3·1	..	5	−31
321																		
322																		
323	Hebron	58 12	62 21	15·0	1008·6	1010·6	+0·2	261·1	272·6	..	253·9	245·4	..	257·5	− 1·2	..	..	..
324	Nain	56 33	61 41	4·2	1011·0	1011·5	+0·5	265·9	274·2	..	256·1	246·8	..	261·0	+ 1·7	..	..	..
325																		
326	Point Riche	50 42	57 25	10·7	..	..	..	..	280·8	14th	..	250·8	1st	267·4	+ 0·7	..	84	+13
327																		
328																		
329																		
330																		
331																		
332																		
333																		
334	Valencia	51 56	10 15	13·7	1017·5	1019·1	+5·8	282·9	285·8	28th	278·3	275·8	28th	280·6	+ 0·1	280·7	133	+25
335	Aberdeen	57 10	2 6	27·4	1014·4	1017·8	+7·6	281·6	286·9	20th	276·2	271·3	18th	278·9	+ 1·4	278·8	38	−21
336	Greenwich	51 28	W 0 0	48	1015·8	1021·8	+7·8	283·7	287·4	7th	274·5	269·7	23rd	279·1	+ 0·3	279·1	28	−11
337	Uccle	50 48	E 4 22	100	1009·2	1021·7	+7·1	283·9	288·4	9th	274·6	270·3	31st	279·3	+ 1·0	279·0	43	−15
338	De Bilt	52 6	5 11	3·0	1021·6	1022·0	+7·8	283·2	287·4	10th	273·9	269·8	20th	278·6	+ 1	278·2	34	−15
338a	Hamburg	53 33	9 59	26·0	1018·3	1021·5	+9·2	281·7	288·1	11th	275·0	272·7	9th	278·4	+ 1·7	277·9	10	−44
339	Copenhagen	55 41	12 36	5·0	1019·6	1020·2	+7·4	279·3	283·4	27th	274·0	272·1	19th	276·7	+ 2·6	*276·7*	10	−25
340	Potsdam	52 23	13 4	84·9	1010·7	1021·3	+7·5	282·4	289·3	10th	272·8	269·2	20th	277·6	+ 0·5	276·8	21	−18
340a	Upsala	59 51	17 38	24·0	1014·0	1017·0	+5·8	278·4	286·3	31st	270·9	266·3	28th	274·7	+ 3·8	274·4	11	−20
341	Warsaw	52 15	21 1	120	1006·0	1022·0	+7·4	279·6	287·0	13th	272·7	268·5	31st	276·2	+ 2·7	*276·4*	10	−24
342	Jurjev	58 23	26 43	74·5	1008·5	1017·9	+5·5	276·6	280·4	24th	271·2	267·5	8th	273·9	+ 5·9	273·6	23	− 7
343	Petrograd	59 56	30 16	4·8	..	1016·0	+4·0	..	278	..	..	268	..	..	+ 4·9	*273·2*	22	0
344	Kiev	50 27	30 30	183·1	998·4	1021·4	+5·9	278·5	288·6	18th	270·7	265·5	9th	274·6	+ 2·2	274·5	23	−16
344a	Moscow	55 45	37 34	156	999·2	1019·0	+3·6	275·3	281·3	19th	267·7	255·4	8th	271·5	+ 4·8	271·5	31	0
345	Saratov	51 32	46 3	59·9	..	1022·0	+3·9	..	279	..	..	249	..	..	− 0·2	*268·3*	12	− 5
346	Kazan	55 47	49 8	79·8	1010·2	1020·5	+2·5	..	277·8	24th	..	246·8	15th	..	+ 2·7	*269·0*	15	− 2
347	Orenburg	51 45	55 6	114·1	..	1023·9	+2·3	..	276	..	..	249	..	..	+ 0·6	*265·3*	19	− 7
348	Perm	58 1	56 15	163·0	..	1019·0	+1·4	..	282	..	..	248	..	..	+ 0·8	*266·7*	27	+ 7
349	Ekaterinburg	56 50	60 38	288·9	..	1019·9	+0·8	..	281	..	..	245	..	..	+ 0·6	*266·1*	11	+ 2
350	Tobolsk	58 12	68 14	108·3	..	..	..	..	..	..	..	..	..	..	..	..	..	..
351	Akmolinsk	51 12	71 23	? 347	..	..	..	..	..	..	..	..	..	..	..	..	..	..
352	Omsk	54 58	73 23	90	..	1020·2	−3·8	..	274·2	29th	..	242·0	6th	..	− 1·6	*260·5*	5	− 4
353	Barnaoul	53 20	83 47	162·2	..	1025·1	−2·3	..	278·2	29th	..	243·6	25th	..	− 0·7	*261·3*	61	+51
354	Tomsk	56 30	84 58	121·6	..	1021·8	−2·6	..	277·1	30th	..	240·2	24th	..	− 3·1	*259·6*	42	+21
355	Minousinsk	53 43	91 41	? 245	..	..	..	..	..	..	..	..	..	..	..	..	..	..
356	Eniseisk	58 27	92 11	84·4	..	..	..	..	..	..	..	..	..	..	..	..	..	..
357	Irkutsk	52 16	104 19	467·0	..	1028·9	+1·5	..	276·0	23rd	..	242·4	25th	..	− 4·3	*260·1*	4	− 3
358	Kirensk	57 47	108 7	? 263	..	..	..	..	..	..	..	..	..	..	..	..	..	..
359	Tchita	52 2	113 30	663·7	..	1030·4	..	..	272·2	17th	..	243·6	3rd	258·4	..	..	5	..
360	Blagoveshchensk Priisk	58 10	114 17	? 490	..	..	..	..	..	..	..	..	..	..	..	..	..	..
360a	Nertchinsk	51 59	116 35	484·3	..	1024·9	+1·8	..	270·6	8th	..	238·1	2nd	..	− 0·7	*255·8*	10	+ 5
361	Tygan Ourkan	54 5	124 46	? 370	..	..	..	..	274·2	17th	252·6	239·4	25th	..	..	*261·6*	4	..
362	Blagoveshchensk	50 15	127 38	133·6	..	..	..	..	..	..	..	..	..	..	..	..	..	..
363	Paikanskii Sklad	50 11	130 7	? 168	..	..	..	..	273·0	8th	248·4	234·0	1st	..	..	*258·7*	..	..
364																		
365	Nikolaevsk-sur-Amour	53 8	140 45	21·2	..	..	..	..	275·3	6th	..	247·9	19th	..	+ 2·9	*262·3*	0	−20
366	Okhotsk	59 21	143 17	6·0														
367																		
368	Petropavlovsk Phare	52 53 N.	158 47 E.	87·1	..	..	..	..	..	..	..	..	..	..	..	..	..	..
369																		
370																		
371																		
372		° ′	° ′	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.

* Mean of max. and min. or of observations at fixed hours.

† Computed means for the 24 hours are in *italics*.

Table representing the Meteorology of the Globe between Latitude 50° N. and 40° N.

MARCH—ZONE 4.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure: Mean at Level of Station.	Pressure: Mean at M.S.L.	Pressure: Diff. from Normal.	Temperature: Mean Max.	Temperature: Absolute Max.	Temperature: Date.	Temperature: Mean Min.	Temperature: Absolute Min.	Temperature: Date.	Temperature: *Mean.	Temperature: Diff. from Normal.	Temperature: †24 hr. Mean.	Precipitation: Total.	Precipitation: Diff. from Normal.
				metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.
411	Victoria, B.C.	° N. ′ 48 24	° W. ′ 123 19	25·9	1014·5	1017·7	+4·2	284·3	290·8	13th	277·3	272·7	25th	280·8	+ 1·1	280·4	60	− 9
412	Portland, Oregon	45 32	122 41	46·6	1013·6	1018·9	+2·4	289·0	296·3	13th	279·4	273·6	6th	284·2	+ 3·3	*283·8*	57	− 74
413	Macleod	49 44	113 24	954	..	..	..	285·4	293·0	21st	271·9	261·9	1st	278·7	+10·3	*278·7*	4	− 16
414	Helena	46 34	112 4	1253	873·8	1016·6	+0·3	286·6	294·7	20th	273·7	266·3	6th	280·2	+ 7·7	*280·1*	1	− 18
414a	Salt Lake City	40 46	111 54	1329	869·1	1017·6	+2·4	288·5	296·3	21st	277·1	271·9	30th	282·8	+ 4·6	*282·7*	40	− 11
415	Cheyenne	41 8	104 48	1856	813·6	1016·2	+1·7	287·7	295·8	22nd	272·1	264·7	30th	279·9	+ 6·3	*279·7*	37	+ 13
416	North Platte	41 8	100 45	859	917·7	1017·3	+1·4	294·0	303·0	22nd	273·2	267·4	1st	283·6	+ 8·7	*283·4*	5	− 17
416a	Bismarck	46 47	100 38	510·6	954·7	1015·9	−2·0	286·9	300·2	22nd	271·6	259·7	1st	279·3	+11·7	*279·1*	14	− 13
417	Winnipeg	49 53	97 7	231·6	..	1014·2	−5·0	280·2	295·8	23rd	268·2	252·9	2nd	274·2	+10·8	273·4	42	+10
418	Duluth	46 47	92 6	345·1	973·0	1015·2	−2·7	281·9	294·1	28th	270·1	261·3	9th	276·0	+ 7·5	*276·1*	11	− 28
419	Port Arthur	48 27	89 12	196·3	..	1013·9	−4·3	280·3	291·3	21st	267·6	255·8	9th	273·9	+ 8·1	*273·9*	6	− 18
420	Chicago	41 53	87 37	250·9	987·8	1018·3	+1·4	286·7	300·2	27th	277·7	269·7	15th	282·2	+ 7·8	*282·1*	7	− 57
421	Toronto	43 40	79 24	106·7	1004·0	1017·4	+0·5	281·7	297·0	28th	271·9	261·6	15th	276·8	+ 4·8	276·1	17	− 39
422	New York	40 43	74 0	95·7	1007·1	1018·6	+2·7	284·3	298·6	30th	275·8	268·6	18th	280·1	+ 4·0	279·2	22	− 82
423	St. John, N.B.	45 17	66 4	21·3	..	1017·3	+3·4	277·2	284·5	29th	270·7	260·8	19th	273·9	+ 1·8	*273·9*	44	− 60
424	S. W. Point, Anticosti	49 24	63 35	9·1	1013·9	1015·1	+4·1	276·0	281·1	..	260·4	251·9	..	268·2	+ 1·3	..	8	− 39
425	Sable Island (Main Station)	43 57	60 6	7·6	1017·6	1018·6	..	277·3	281·9	..	272·3	271·9	..	274·8	+ 0·9	..	104	− 22
426	St. Johns, Newfoundland	47 34	52 42	38·1	..	1015·9	+2·9	275·4	285·8	15th	268·6	260·2	2nd	272·0	+ 1·0	..	61	− 58
435	Madrid	40 24	3 41	655·4	941·1	1018·5	+2·1	288·2	292·9	30th	274·0	269·3	21st	281·1	− 1·1	280·6	16	− 28
436	Nantes	47 15	W 1 34	41·4	1015·3	1020·4	+4·4	285·0	289·8	28th	276·1	272·6	21st	280·6	− 0·2	*280·3*	35	− 23
437	Paris (Parc St. Maur)	48 49	E 2 29	50·3	1014·9	1021·1	+6·1	284·8	290·9	9th	274·8	271·2	2nd	279·8	+ 0·5	279·4	20	− 19
438	Marseilles	43 18	5 23	75	1007·2	1016·4	+3·6	287·9	291·4	25th	278·4	273·5	22nd	283·2	+ 0·5	*282·7*	85	+ 36
438a	Zurich	47 23	8 33	493·2	961·1	1020·8	+5·2	283·5	290·6	15th	280·1	268·2	31st	281·8	+ 0·9	277·8	33	− 41
439	Rome	41 54	12 29	63·4	..	1016·4	+3·2	288·5	292	22nd	279·1	275	8th	283·8	+ 0·3	*283·6*	11	− 58
440	Vienna	48 15	16 22	202·5	995·1	1020·0	+5·4	282·5	288·4	15th	274·4	270·6	5th	278·5	+ 1·5	278·3	39	− 8
440a	Buda-Pesth	47 30	19 2	112·5	1005·5	1019·4	+5·2	284·6	290·0	13th	276·5	272·1	31st	280·6	+ 2·9	*280·3*	1	− 45
441	Bucharest	44 25	26 6	82	1010·2	1020·4	+5·7	284·7	293·2	20th	273·3	269·1	10th	279·0	+ 0·5	*278·0*	16	− 26
442																		
443	Odessa (University)	46 29	30 46	65·3	1012·5	1020·8	+4·4	280·2	287·0	15th, 17th	272·2	267·4	9th	276·2	+ 1·3	*276·0*	2	− 26
444	Kharkov (University)	50 0	36 14	140	..	1021·2	+4·7	..	286	..	..	255	..	272·3	+ 1·6	*272·2*	13	− 22
444a	Novorossiisk	44 40	37 49	37	..	1016·8	+0·4	..	288	..	..	268	..	278·6	− 0·2	*278·5*	16	− 54
445	Tiflis	41 43	44 48	409	..	1019·0	+0·7	..	291	..	..	271	..	279·4	− 0·3	*279·4*	54	+ 25
446	Astrakhan	46 21	48 2	−14	..	1021·5	+2·5	..	289	..	..	255	..	272·6	− 0·5	*272·5*	3	− 8
447	Fort Alexandrovsk	44 31	50 16	24	..	..	..	..	..	..	..	..	..	..	..	..	..	..
448	Krasnovodsk	40 0	52 59	−15	..	1018·0	−0·7	..	294	..	..	270	..	281·6	+ 0·2	*281·6*	..	..
449	Tachkent	41 20	69 18	478·3	..	1021·6	+2·6	..	295·4	24th	..	270·2	2nd	..	− 1·7	*279·8*	79	+ 13
450	Irgiz	48 37	61 16	112	..	..	..	..	..	..	..	..	..	..	..	..	..	..
451	Narynskoe	41 26	76 2	?2015	..	..	..	..	..	..	..	..	..	..	..	..	..	..
452	Vernyi	43 16	76 53	824·8	..	..	..	..	..	..	..	..	..	..	..	..	..	..
461	Mukden	41 48	123 23	43·8	1015·2	1020·8	−0·1	277·0	288·3	25th	264·9	255·1	4th	271·0	− 0·4	270·9	16	− 4
462	Joshin	40 40	129 11	4·0	1016·2	1016·7	−0·9	278·5	288·0	19th	268·2	261·0	4th	273·4	− 0·8	273·3	9	− 14
463	Vladivostok	43 7	131 54	15·7	..	1015·9	−2·9	..	280·5	26th	..	255·5	1st	..	− 1·1	*269·2*	1	− 7
464																		
465																		
466	Ochiai	47 20	142 44	15·0	1009·2	1011·1	..	272·4	276·5	15th	257·7	244·4	17th	265·1	..	266·0	28	..
	Nemuro	43 20 N.	145 35 E.	26·7	1006·2	1009·6	−4·0	273·8	281·8	26th	267·3	261·9	17th	270·6	+ 0·5	270·5	31	− 19

Between Latitude 40° N. and 30° N.

MARCH—ZONE 5 (Western Half).

511	San Francisco	N. 37 48	W. 122 26	47·2	1012·5	1018·3	+0·3	289·4	298·0	9th	282·0	279·7	27th	285·7	+ 1·2	*285·2*	96	+ 17
512	San Luis Obispo	35 18	120 39	61·3	1011·0	1018·6	+0·7	291·9	301·9	2nd	281·3	276·3	28th	286·6	+ 1·5	*286·3*	97	+ 20
513	Modena	37 48	113 54	1670	834·7	1016·6	+2·0	288·8	294·7	5th	271·0	266·3	11th	279·9	+ 2·9	*279·7*	20	− 13
514	San Diego	32 43	117 10	26·5	1014·6	1017·9	+1·4	290·6	301·9	31st	283·5	280·2	27th	287·1	+ 0·6	*287·1*	33	− 6
515	Santa Fé	35 41	105 57	2138	789·1	1016·9	+3·0	288·1	293·6	5th	273·2	266·3	31st	280·7	+ 3·6	*280·5*	14	− 4
516	Denver	39 45	105 0	1613	838·1	1016·2	+2·0	291·5	298·6	22nd	275·0	265·2	30th	283·3	+ 6·5	*283·1*	24	− 1
517	Abilene	32 23	99 40	529·6	957·0	1017·9	+3·4	298·1	305·2	8th	283·1	273·6	11th	290·6	+ 4·8	*290·4*	8	− 27
518	Saint Louis	38 38	90 12	172·8	997·9	1018·6	+1·7	293·2	303·6	23rd	281·2	271·3	15th	287·2	+ 7·8	*287·0*	4	− 83
519	Mobile	30 41	88 2	17·4	1018·1	1020·0	+2·0	296·5	305·8	27th	286·3	275·8	16th	291·4	+ 3·3	*291·1*	49	−133
520	Nashville	36 10	86 47	166·4	1000·6	1020·6	+3·0	294·8	304·1	24th	281·4	269·7	15th	288·1	+ 5·6	*287·8*	22	−116
521	Charleston	32 47	79 56	14·6	1018·0	1019·6	+1·7	293·3	300·8	31st	284·3	274·7	15th	288·8	+ 1·8	*288·5*	17	− 78
522	Washington	38 54	77 3	34·1	1015·0	1019·3	+2·0	289·6	303·0	30th	277·7	269·7	15th	283·7	+ 5·0	*283·5*	14	− 84
523																		
524	Bermuda	32 17	64 30	46·0	..	1021·3	+1·8	293·7	295·2	23rd	288·3	285·8	29th	291·0	+ 0·8	..	51	− 77
531	Horta	38 32	28 38	30	..	1024·6	+2·8	289·4	292	27th, 28th	285·4	281	3rd	287·4	− 0·1	..	36	− 10
532	Ponta Delgada	37 45	25 41	17	1022·6	1024·6	+4·1	288·7	291·3	28th, 30th	284·5	281·3	1st	286·6	− 0·4	..	40	− 55
533	Madeira (Funchal)	32 38	16 55	25	1017·2	1020·2	+1·8	290·6	292·1	9th	281·3	280·0	5th, 15th	285·9	− 1·2	*287·2*	33	− 39
534	Lisbon	38 43	9 9	95	1006·1	1017·7	+1·3	288·4	292·7	31st	281·6	278·7	13th	285·0	− 0·8	*284·8*	57	− 31
535	Casablanca	33 37	7 35	? 17	1015·7	1017·7	..	289·6	292·2	..	283·3	280·3	..	286·5	− 1·1	*286·3*	32	− 33
536	Gibraltar	36 6	5 21	16·2	1014·0	1015·9	0·0	290·3	294·3	31st	..	..	..	..	− 1·6	*285·3*	40	− 76
		° ′	° ′	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.

* Mean of max. and min. or of observations at fixed hours.

† Computed means for the 24 hours are in *italics*.

MARCH—ZONE 5 (Eastern Half).

Table representing the Meteorology of the Globe between Latitude 40° N. and 30° N.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure: Mean at Level of Station.	Pressure: Mean at M.S.L.	Pressure: *Diff. from Normal.	Temperature: Mean Max.	Temperature: Absolute Max.	Temperature: Date.	Temperature: Mean Min.	Temperature: Absolute Min.	Temperature: Date.	Temperature: *Mean.	Temperature: Diff. from Normal.	Temperature: †24 hr. Mean.	Precipitation: Total.	Precipitation: Diff. from Normal.
		° ′ N.	° ′ E.	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.
537	Algiers	36 47	3 4	38·5	1012·1	1016·7	+1·5	290·0	294·5	19th	283·4	278·1	21st	286·7	−1·9	*286·0*	76	−12
538	Palma	39 33	2 42	23	1014·2	1017·0	+3·1	289·1	292·0	30th	280·9	278·6	23rd	285·0	−0·2	..	62	+29
538a	Tunis	36 48	10 10	43	..	1018·2	+2·4	292·8	299	12th	280·4	277	4, 5, 9	286·6	+0·3	..	20	−35
539	Malta	35 54	14 31	59	..	1018·4	+3·7	288·5	293	16th	283·3	281	1st, 26th	285·9	−0·9	..	19	−18
540	Catania	37 30	15 3	64·9	1008·7	1016·6	+2·4	288·7	291·7	18th	281·3	278·6	1st	285·0	−0·3	..	38	−15
541	Athens	37 58	23 43	107·1	..	1016·8	+2·5	285·7	290	18, 19, 29	279·3	274	10th	282·5	−2·4	*282·4*	48	+13
542	Alexandria	31 9	29 54	32·0	..	1016·4	+0·7	291·7	295	6th	284·0	280	12th, 13th	287·8	−1·8	*287·2*	19	+3
543	Cairo (Helwan)	29 52	31 20	115·6	..	1017·0	+0·9	294·0	301	31st	282·1	276	11th	288·0	−1·5	287·6	8	+1
544	Nicosia	35 12	33 24	152	..	1012·8	−2·0	290·3	294·7	sev. dates	275·4	271·9	12th	282·8	−2·4	*284·0*	95	+55
544a	Beirut	33 54	35 28	52·4	..	1016·6	+2·4	290·3	293	22nd	282·6	274	14th	286·4	−2·0	..	241	+140
545	Baghdad	33 21	44 28	38·7	..	..	..	..	..	..	..	..	..	..	..	..	37	+1
546	Lenkoran	38 46	48 52	−19	..	1018·8	+0·9	..	287	..	..	272	..	..	−1·1	*279·9*	86	−4
547	Busrah	30 31	47 53	7·6	1015·4	1016·1	−0·6	292·3	295·4	29th	284·9	280·6	17th	288·6	−2·7	..	70	+42
548	Meshed	36 16	59 35	946	905·4	1016·0	..	284·9	296·6	11th	269·8	262·3	18th	277·4	−3·5	..	115	+56
549	Quetta	30 11	67 3	1677	833·4	..	−0·1	289·3	297·8	31st	275·9	267·2	22nd	282·6	−1·7	*282·8*	30	−19
550																		
551	Lahore	31 34	74 20	214	987·3	1012·5	−0·2	301·2	307·7	28th	284·8	277·0	5th	293·0	−0·9	*292·6*	1	−18
551a	Simla	31 7	77 8	2205	780·6	..	−0·2	286·6	292·4	28th	279·5	272·4	11th	283·1	−0·6	*283·3*	24	−38
552	Leh	34 10	77 42	3503	663·4	..	−2·3	280·4	288·3	27th	266·9	260·5	6th	273·7	+0·6	*273·0*	3	−5
552a	Dehra Dun	30 20	78 0	681	934·2	1011·4	−1·0	300·6	306·1	28th	285·6	279·4	7th	293·1	+0·4	*292·9*	0	−25
559	Hang Kow	30 35	114 17	37·0	1015·9	1020·4	−1·1	286·3	292·7	14th	279·1	273·9	31st	282·7	−0·5	*282·4*	88	+16
560	Tiensin	39 10	117 10	5·0	1021·5	1022·1	+0·1	283·5	293·7	25th	271·3	265·2	4th	277·4	−0·4	..	13	+1
561	Shanghai (Zi-Ka-Wei)	31 12	121 26	7	1019·5	1020·3	−0·2	285·5	296·9	15th	276·9	270·8	12th	281·2	−0·3	280·5	160	+71
562	Jinsen (Chemulpo)	37 29	126 32	67·0	1011·9	1020·4	−0·1	279·5	286·1	25th	271·8	267·3	6th	275·7	−1·5	275·2	26	+3
562a	Nagasaki	32 44	129 52	133·0	1002·1	1018·4	−0·4	285·1	292·9	28th	277·5	272·8	4th	281·3	−1·3	281·0	160	+27
563	Kioto	35 1	135 46	49·4	1011·5	1017·7	−0·9	284·3	294·9	28th	272·0	265·1	5th	278·2	−1·5	277·7	118	+3
564	Tokio	35 41	139 45	21·3	1011·6	1014·2	−2·0	284·1	293·9	19th	274·1	268·3	6th	279·1	−0·7	279·1	70	−41
565	Miyako	39 38	141 59	30·4	1009·4	1013·2	−3·2	281·7	294·6	26th	270·1	264·6	4th	275·9	−0·6	275·0	21	−67
566																		
		N.	E.															

MARCH—ZONE 6.

Between Latitude 30° N. and 20° N.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure: Mean at Level of Station.	Pressure: Mean at M.S.L.	Pressure: *Diff. from Normal.	Temperature: Mean Max.	Temperature: Absolute Max.	Temperature: Date.	Temperature: Mean Min.	Temperature: Absolute Min.	Temperature: Date.	Temperature: *Mean.	Temperature: Diff. from Normal.	Temperature: †24 hr. Mean.	Precipitation: Total.	Precipitation: Diff. from Normal.
		° ′ N.	° ′ W.	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.
605	Honolulu	21 19	157 52	11·6	1018·0	1019·3	+1·9	298·1	300·2	..	292·0	290·2	..	295·1	+0·4	..	39	−52
606																		
615	Zacatecas	22 47	102 33	2610	747·8	..	..	289·8	293·6	27th, 28th	280·5	276·4	22nd	285·2	..	..	0	..
616	Leon	21 7	101 41	1798·6	822·8	..	+0·3	298·6	302·0	28th	279·4	275·5	4th	289·0	+1·9	..	0	−25
617	Galveston	29 18	94 50	16·5	1018·8	1020·6	+4·4	294·8	299·7	14th	288·9	282·4	11th	291·9	+2·1	*291·8*	38	−36
618	New Orleans	29 58	90 4	15·6	1018·4	1020·3	+3·0	297·8	301·9	23rd	287·6	278·6	16th	292·7	+3·0	*292·4*	80	−55
619	Havana	23 8	82 22	24·3	..	1018·4	+1·0	297·1	303·0	1st	290·5	287·6	19th	293·8	−1·3	*294·6*	11	−34
620	Key West	24 33	81 48	6·7	1017·6	1018·3	+0·7	297·5	300·2	2nd	292·2	289·1	16th	294·8	−0·8	*294·6*	9	−29
621	Nassau, Bahamas	25 5	77 21	7·6	1017·0	1017·9	+0·2	297·4	299·7	12th	292·2	289·4	15th	294·8	−0·5	..	9	−28
622																		
633	Puerto de Orotava	28 25	16 32	? 100	..	..	..	290·9	294·1	..	285·0	283·4	..	288·0	−1·5	..	42	−29
634	Las Palmas, Canary Islands	28 7	W15 26	7	1017·4	1018·2	−0·7	294·1	297·8	19th	287·1	284·4	16th	290·6	−0·4	..	18	0
637	Insalah	27 17	E 2 27	330	979·9	1018·1	−1·0	301·9	307·0	5th, 18th	285·4	281·5	1st	293·7	+0·9	*293·1*	0	..
638																		
641	Dakhla Oasis	25 30	29 0	130·0	..	1020·0	+1·7	299·3	313	22nd	280·9	277	12th	290·1	−2·2	*291·2*	..	..
642	Wadi Halfa	21 55	31 20	128·3	..	1016·6	+1·2	299·9	312	22nd	283·2	277	19th	291·6	−3·5	*291·8*	..	..
643	Suez	29 57	32 32	3·4	..	1016·4	+1·3	295·2	301	31st	283·3	277	11th	289·2	−1·6	..	10	+7
644	Aswan	24 2	32 53	99·6	..	1017·1	+1·7	299·8	306	23rd	285·0	282	14th	292·4	−2·5	*292·4*	..	..
647	Bushire	28 59	50 53	4	1013·9	1014·4	−0·2	292·8	297·1	10th	286·5	281·9	14th	289·7	−1·9	..	77	+54
648	Jask	25 44	57 47	4	1013·4	1014·0	−0·5	297·7	307·1	31st	291·4	287·6	5th	294·6	−0·9	..	66	+46
649	Kurrachee	24 53	66 57	4	1012·6	1013·0	0·0	300·6	306·1	20th	292·2	286·3	5th	296·4	−0·5	*295·8*	0	−6
650	Hyderabad, Sind	25 24	68 18	29	1008·7	1012·1	−0·4	306·9	316·1	31st	290·2	281·3	2nd, 3rd	298·6	−0·3	..	0	−5
651	Jaipur	26 56	75 52	436	963·1	1012·7	−0·3	305·9	312·3	29th	288·6	279·7	4th	297·2	+0·2	*297·0*	0	−8
652	Nagpur	21 8	79 5	310	976·1	1011·3	−0·9	309·9	315·3	31st	291·4	285·4	6th, 14th	300·7	−0·7	*300·3*	0	−13
653	Allahabad	25 25	81 51	94	999·8	1010·7	−1·1	307·2	314·2	29th	288·8	282·7	5th	298·0	−0·3	*297·6*	0	−6
654	Calcutta	22 36	88 23	6	1009·7	1010·3	−1·3	305·9	309·8	25th	293·8	287·2	7th	299·9	+0·1	*299·4*	17	−15
655	Gauhati	26 8	91 41	59	1005·2	1012·1	..	302·3	306·8	23rd	288·3	281·9	7th	295·3	..	..	86	+26
655a	Cherrapunji	25 15	91 42	1314	867·0	..	..	292·3	295·6	11th	?	..	..	?	..	..	776	+558
656	Shillong	25 33	91 48	1500	848·6	..	..	293·3	296·3	26th, 27th	282·8	276·7	1st	288·1	..	..	66	+12
656a	Akyab	20 11	92 56	6	1010·9	1011·7	−1·1	302·7	304·6	4th	293·2	288·3	1, 2, 6	297·9	−1·2	*298·0*	11	−4
657	Phu Lien	20 48	106 37	115·6	1000·1	1013·8	−0·2	294·4	301·8	17th	290·3	285·7	10th	292·4	0·0	291·8	29	−15
658	Moncay	21 31	107 51	10	1013·2	1014·4	−0·1	294·9	302·4	28th	289·2	283·8	4th	292·1	+0·1	*291·4*	44	−21
659																		
660	Hong Kong	22 18	114 10	33·2	..	1015·5	−0·6	292·4	299·8	16th	288·6	283·5	3rd	290·5	+0·3	290·4	15	−58
661	Taihoku, Formosa	25 2	121 31	9·3	1015·5	1016·6	−0·8	293·9	304·4	26th	287·4	282·9	3rd	290·6	+0·4	290·3	101	−77
662	Naha	26 13	127 41	10·5	1015·7	1017·0	0·0	294·1	300·7	30th	288·2	281·9	8th	291·2	−0·1	290·9	217	+65
		N.	E.															

* Mean of max. and min. or of observations at fixed hours. † Computed means for the 24 hours are in *italics*

Table representing the Meteorology of the Globe between Latitude 20° N. and 10° N.

MARCH—ZONE 7.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure: Mean at Level of Station.	Pressure: Mean at M.S.L.	Pressure: Diff. from Normal.	Temperature: Mean Max.	Temperature: Absolute Max.	Temperature: Date.	Temperature: Mean Min.	Temperature: Absolute Min.	Temperature: Date.	Temperature: *Mean.	Temperature: Diff. from Normal.	Temperature: †24 hr. Mean.	Precipitation: Total.	Precipitation: Diff. from Normal.
		° ′ N.	° ′ W.	metres.	mb.	mb.	mb.	a.	a.		a	a.		a.	a.	a.	mm.	mm.
715	Zapotlanejo	19 38	103 37	..	..	..	..	..	304·0	..	..	279·0	..	..	..	..	0	..
716	Morelja	19 42	101 7	1951	809·9	..	..	297·4	299·5	15, 27, 29	280·5	276·7	7th	289·0	..	*289·0*	4	..
717	Salina Cruz	16 12	95 12	56·3	1008·1	1014·7	..	..	305·4	..	..	292·0	..	..	..	*298·1*	0	..
718	Mexico	19 26	99 8	2280	780·5	..	+1·0	294·8	298·2	28th	278·6	274·2	3rd	286·7	−2·2	286·7	1	−11
718a	Oaxaca	17 4	96 44	1563	847·6	..	..	300·3	303·7	1st	282·5	277·1	7th	291·4	..	*291·1*	27	..
719	Belize	19 29	88 12	1·9	..	..	..	..	304·1	..	..	290·8	..	..	..	..	184	+143
720	San Salvador	13 44	89 9	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
721	Jamaica (Negril Point)	18 15	78 23	10·1	..	1014·3	0·0	301·4	304·9	9th	292·4	290·2	20th	296·9	−0·8	*296·5*	16	−43
722	Port au Prince	18 34	72 22	37·4	1010·5	1014·8	−0·2	303·1	307·3	..	292·4	290·5	..	297·8	−1·3	297·1	198	+139
723	St. Croix (Christiansted)	17 45	64 42	6·6	1012·4	1013·1	..	300·2	302·0	..	295·1	293·4	..	297·7	..	..	82	..
724	Granada (Richmond Hill)	12 3	61 45	155·8	994·8	1012·7	−0·3	300·8	302·4	8th	295·0	293·6	1st, 3rd	297·9	−0·5	*297·4*	169	+99
725	Barbados	13 8	59 36	55·2	..	1013·1	+0·7	301·1	302·7	..	296·3	291·9	..	298·7	−0·9	*298·4*	32	−10
731	St. Vincent, C. Verde Is.	16 54	25 4	11	1012·7	1014·0	−0·3	298·2	302·0	21, 23, 28	291·8	287·0	21st	295·0	+0·4	..	0	−1
732	San Tiago, C. Verde Is.	14 54	23 31	34	1010·2	1014·2	..	297·9	302·8	13th	292·4	290·1	19th	295·1	−0·1	..	55	+55
733	Bathurst	13 24	16 36	1·5	..	1011·0	−1·4	303·6	310·8	10th, 11th	292·7	289·7	1st	298·1	+1·0	*298·1*	0	0
734	M'Carthy Island	13 42	14 46	1·1	..	..	..	312·1	316·3	31st	292·5	288·6	1, 7, 8	302·3	−0·3	..	0	0
735	Ségou	13 34	6 17	272	..	..	..	312·1	315·0	30th	294·4	289·0	3rd	303·3	..	..	0	..
736	Timbouctoo	16 43	W 2 52	250	980·0	1008·0	−1·7	311·0	315·0	29, 30, 31	293·0	285·8	1st	302·c	+0·9	*301·8*	0	..
737	Sokoto	13 2	E 5 14	354	..	..	..	310·3	314·7	23rd	294·0	290·2	1, 2, 5	302·2	−0·6	..	0	−5
738	Kontagora	10 24	5 29	400	..	..	..	311·1	314·1	24th	293·0	286·3	15th	302·1	−0·6	..	28	+15
739	Maiduguri	11 48	13 12	361	..	..	..	310·8	318·6	26th	?290·1	..	..	?300·4	−1·8	..	0	0
740	Katagum	12 17	10 22	30·7	..	..	..	309·8	316·3	23rd	289·7	285·2	1st	299·8	−1·6	..	0	0
742	Kadugli	11 2	29 45	503	..	..	..	310·1	316·0	25th	293·2	288·7	23rd	301·7	..	..	0	..
743	El Obeid	13 11	30 14	585	..	1013·0	+0·4	306·1	315	25th	287·1	282	17th	296·6	−1·2	*297·5*	0	−5
744	Khartoum	15 37	32 33	390	..	1011·5	+1·2	306·3	316	9th	289·2	285	17th	297·8	−1·7	*298·3*	0	0
746	Aden	12 45	45 3	28·7	1009·5	1012·8	−0·5	301·2	304·3	31st	297·2	295·2	20th	299·2	−0·4	*298·5*	16	−1
751	Bombay	18 54	72 49	11·3	1010·6	1011·8	−1·0	303·9	307·4	13th	295·8	292·7	6th, 7th	299·9	+0·5	*299·0*	0	−1
752	Mysore	12 18	76 40	768	927·1	1012·7	−0·6	307·2	309·1	21, 22, 28	292·3	289·4	18th	299·8	−0·1	*299·2*	2	−3
752a	Kodaikanal	10 13	77 28	2343	771·1	..	−1·4	293·2	296·3	21st	283·4	281·3	15th	288·3	−0·1	287·4	0	−55
753	Madras	13 4	80 14	6·7	1010·7	1011·5	−1·2	305·1	309·1	21st	294·7	291·6	18th	299·9	−0·4	299·7	0	−5
754	Waltair	17 45	83 16	68·9	1003·5	1011·4	−1·2	302·6	304·4	19th	296·7	294·9	10th	299·7	..	*298·8*	0	−9
755	Port Blair	11 40	92 40	17·7	1009·3	1011·4	−1·0	303·2	305·1	29th, 30th	296·4	294·1	18th	299·8	−2·0	*298·9*	206	+186
756	Rangoon	16 46	95 48	5·5	1011·0	1011·7	−0·7	305·9	310·3	30th	294·9	291·3	2nd	300·4	−1·4	*298·9*	95	+86
757	Saigon	10 46	106 42	11·2	1008·0	1009·2	−1·2	306·0	308·2	27, 28, 29	297·1	295·6	16th	301·6	−0·4	..	31	+27
758	Nhatrang	12 16	109 12	6·8	1010·3	1011·0	−1·0	305·2	307·2	19th	295·7	294·2	20th	300·5	+1·2	..	42	+21
759	Bolinao	16 24	119 53	7·5	..	1010·1	−1·8	304·3	306·9	27th	296·0	293·4	8th	300·2	−0·5	299·7	?42	?+29
760	Vigan	17 34	120 23	20	..	1010·4	−1·2	305·2	307·5	17th	295·7	292·3	4th	300·5	−0·1	299·8	11	+5
761	Manila	14 35	120 59	14·2	..	1010·3	−1·3	305·3	308·0	27th, 29th	294·7	291·6	2nd	300·0	−0·5	299·2	16	−3
762	Ormoc	11 0	124 36	5·6	..	1009·5	−1·2	303·3	305·5	27th	294·2	290·9	1st	298·8	−0·5	298·1	83	+5
765	Guam, Ladrone Is.	13 24	144 38	20·4	..	1009·9	0·0	301·6	303·6	4th	297·1	295·0	6th, 16th	299·4	0·0	..	380	+291
		N.	E.															

Between Latitude 10° N. and 0°.

MARCH—ZONE 8

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure: Mean at Level of Station.	Pressure: Mean at M.S.L.	Pressure: Diff. from Normal.	Temperature: Mean Max.	Temperature: Absolute Max.	Temperature: Date.	Temperature: Mean Min.	Temperature: Absolute Min.	Temperature: Date.	Temperature: *Mean.	Temperature: Diff. from Normal.	Temperature: †24 hr. Mean.	Precipitation: Total.	Precipitation: Diff. from Normal.
		° ′ N.	° ′ W.	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.
805	Fanning Island	3 55	159 23	4·3	..	..	..	302·2	303·6	23rd	297·3	295·5	5th	299·7	−0·6	*299·0*	153	−223
819	Culebra	9 10	79 40	52·4	998·3	1012·5	+0·9	303·0	305·2	14th	293·0	289·1	21st	298·2	−1·0	..	35	+17
823	El Peru, Guayanavieja	7 30	62 0	? 300	984·0	..	..	303·9	305·9	30th	292·7	290·3	17th	298·3	..	..	49	..
825	Georgetown, Brit. Guiana	6 50	58 12	1·8	1011·7	1011·9	−0·6	302·0	303·2	19th	296·3	295·3	26th	299·2	−0·2	..	254	+71
826	Paramaribo	5 49	55 9	4	1012·5	1012·9	0·0	302·4	303·4	28th	294·9	291·8	27th	298·7	−0·3	*298·0*	70	−134
826a	Cayenne	4 56	52 21	6	..	..	..	302·3	303·2	19th, 30th	296·1	294·4	21st, 22nd	299·2	−0·1	*299·5*	391	−11
833	Conakry	9 31	13 43	16	1006·8	1008·6	−1·7	305·8	307·8	..	297·3	296·0	..	301·6	+0·2	*301·9*	4	+2
834	Sierra Leone	8 30	13 9	68·3	1000·7	1008·6	−2·0	306·2	310·4	22nd	297·2	295·9	6th	301·7	+0·4	..	7	−19
835	Cape Coast Castle	5 5	1 13	..	..	..	..	304·9	309·1	24th	296·1	290·8	28th	300·5	+0·2	..	23	−35
836	Accra	5 35	W 0 6	18	..	..	..	..	..	..	..	..	..	..	..	..	23	−20
837	Lagos	6 27	E 3 24	7·6	..	1007·5	−1·9	305·6	306·9	..	297·4	294·1	..	301·5	+0·2	..	24	−67
838	Zungeru	9 48	6 10	130	..	1008·2	−1·4	311·4	314·7	21st	294·8	291·3	7th	303·1	−0·4	..	21	+10
838a	Libreville	0 23	9 26	35	..	..	..	304·1	305·1	10th, 13th	294·1	293·0	16th, 26th	299·1	−0·9	..	368	+20
839	Yola	9 12	12 30	259	..	..	..	311·2	314·7	22nd, 23rd	296·5	294·1	18th	303·8	−0·5	..	0	−6
841	Kafia Kingi	9 22	24 18	596	..	..	..	..	..	..	..	..	..	..	..	..	9	..
842	Wau	7 42	28 3	440	..	1008·0	..	310·1	313·5	10th	293·4	288·0	19th	301·8	..	..	0	−22
843	Entebbe	0 5	32 29	1171	881·1	..	−1·4	299·2	301·8	13th	290·2	288·8	4th	294·7	−0·4	*294·4*	186	+31
844	Nandi	0 2	35 5	2010	..	..	..	..	..	..	..	..	..	..	..	..	56	−79
845	Harrar	9 42	42 30	1856	..	..	..	297·9	301·0	sev. dates	287·7	285·0	23rd	292·8	..	..	112	..
851	Cothin	10 0	76 21	2·7	1011·1	1011·5	−0·7	305·6	307·3	28th	298·2	296·4	22nd	301·9	−0·1	*301·0*	47	−6
852	Colombo Observatory	6 54	79 53	7·3	1008·8	1009·6	+0·1	305·2	306·3	25th	294·6	292·8	17th	299·9	−1·0	*299·0*	10	−47
853	Candy	7 18	80 40	504·5	..	..	..	304·7	307·2	25th	292·0	289·4	5th	298·4	+0·1	..	17	−71
855	Medan	3 35	98 41	23·5	..	1010·4	−0·3	..	..	..	..	..	..	..	..	..	209	+112
856	Kota Radja	5 32	95 20	7·1	..	1011·1	0·0	..	..	..	..	..	..	..	..	..	87	−3
857	Penang	5 34	100 20	4·9	1008·3	1008·8	−1·3	305·6	306·3	12th, 18th	294·1	293·6	5, 10, 26	299·8	−1·6	..	236	+118
858	Singapore	1 17	103 51	2·2	1009·2	1009·4	−0·1	304·1	305·5	7th	296·1	294·9	17th, 31st	300·1	+0·2	..	247	+73
860	Sandakan	5 49	118 12	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
861	Tagbilaran	9 38	123 51	26·2	..	1008·3	−2·1	304·0	306·8	24th	295·5	293·5	5th	299·8	..	*299·3*	95	+23
862	Surigao	9 48	125 29	6	..	1009·3	−1·3	302·7	304·5	17th	295·9	292·8	6th	299·3	−0·1	298·8	246	−20
863	Yap	9 29	138 8	31·9	..	1007·9	−0·1	303·7	304·8	3rd	297·3	295·3	12th	300·5	+0·1	..	150	−3
869	Uyelang	9 42	161 3	<10	1009·8	..	−0·2	..	..	..	..	..	..	..	..	..	105	+34
		N.	E.															
		° ′	° ′	metres.														

* Mean of max. and min. or of observations at fixed hours. † Computed means for the 24 hours are in *italics*.

MARCH—ZONE 9.

Table representing the Meteorology of the Globe between Latitude 0° and 10° S.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure: Mean at Level of Station.	Pressure: Mean at M.S.L.	Pressure: Diff. from Normal.	Temperature: Mean Max.	Temperature: Absolute Max	Temperature: Date.	Temperature: Mean Min.	Temperature: Absolute Min.	Temperature: Date.	Temperature: *Mean.	Temperature: Diff. from Normal.	Temperature: †24 hr. Mean.	Precipitation: Total.	Precipitation: Diff. from Normal.
		° S. ′	° W. ′	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.
905	Malden Island	3 59	155 0	8·8	1008·6	1009·6	0·0	304·2	305·8	18th	296·5	294·1	26th	300·3	−1·1	*299·6*	86	+ 11
906																		
923	Manaos	3 8	59 59	44·9	1002·4	1007·5	..	303·0	306·0	25th	296·4	294·8	16th	299·7	..	..	271	— 2
929	Quixeramobim	5 16	39 18	207·0	986·7	1010·2	+0·2	302·9	305·5	10th	297·3	294·5	27th	300·1	−0·2	*299·8*	297	..
930	Fernando Noronha	3 51	W32 25	95	..	..	..	..	..	..	..	..	..	..	..	..	..	..
939	Sainte-Croix-des-Eshiras	1 44	E10 21	195	..	..	..	307·0	308·6	14th	293·8	292·0	27th	300·4	−0·2	..	96	−223
940	Loango	4 38	11 45	? 50	..	..	..	303·6	305·8	5th	296·7	294·8	7th	300·2	..	*299·7*	210	..
943	Daressalam	6 49	39 18	7·6	1008·6	1009·4	−1·6	303·0	303·9	9th, 13th	297·2	294·6	2nd	300·1	−0·1	300·2	40	−140
944	Nairobi	1 18	36 59	1660	..	..	..	298·8	301·9	14th	283·8	280·2	11th	291·3	−0·6	..	48	— 65
944*a*	Zanzibar	6 10	39 11	21·9	1009·3	1011·8	−0·9	303·8	304·7	5th, 7th	299·7	297·9	24th	301·8	+0·5	*301·2*	8	−145
945																		
946	Lamu	2 16	40 54	3·0	..	..	..	..	..	..	..	..	..	..	..	..	0	— 14
947	Seychelles	4 37	55 27	4·6	1010·0	1010·7	0·0	302·3	303·3	..	298·5	296·7	..	300·4	+0·8	*299·8*	312	+114
948																		
955																		
956	Padang	0 56	100 22	6·7	..	1011·6	+0·4	..	..	..	..	..	..	..	..	..	253	— 36
957	Batavia	6 11	106 50	8	..	1009·1	−0·8	302·8	305·0	17th	296·2	294·9	20th	299·5	+0·1	299·0	85	—109
958	Pontianak	0 1	109 20	2·6	..	1008·6	−0·9	..	..	..	..	..	..	..	..	..	89	—156
959	Passeroean	7 38	112 56	5·0	1008·5	1009·1	−0·3	303·3	305·5	..	295·8	294·5	..	299·6	..	*299·0*	179	— 23
960	Kajoemas	7 56	114 9	950	..	..	..	..	..	..	..	..	..	..	..	..	..	..
961	Koepang	10 10	123 34	3·3	..	1007·5	−0·8	..	..	..	..	..	..	..	..	..	250	+ 28
962	Ambon	3 42	128 10	4·2	..	1008·1	−0·4	..	..	..	..	..	..	..	..	..	124	— 19
965	Daru	9 4	143 13	8	..	..	..	303·6	..	..	296·8	..	..	300·2	0·0	..	167	—173
966	Port Moresby	9 29	147 9	39	..	1008·9	−0·4	303·8	..	..	297·2	..	..	300·5	−0·3	..	195	+ 22
967	Rakuranga	4 13	152 8	? 120	..	..	..	..	..	..	..	..	..	..	..	..	94	..
968	Rendova	8 24	157 19	..	..	..	..	..	..	..	..	..	..	..	..	..	576	— 43
969	Tulagi, Brit. Solomon Is.	9 5	160 8	53·6	1001·8	1007·9	+0·3	301·8	303·0	7, 27, 29	296·9	295·2	17th	299·4	..	..	457	+ 38
970	Ocean Island	0 52	169 36	485	..	1009·9	+1·7	304·4	305·5	25th	297·8	296·6	24th	301·1	+0·2	*300·5*	3	—229
		S.	E.															

MARCH—ZONE 10.

Between Latitude 10° S. and 20° S.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure: Mean at Level of Station.	Pressure: Mean at M.S.L.	Pressure: Diff. from Normal.	Temperature: Mean Max.	Temperature: Absolute Max	Temperature: Date.	Temperature: Mean Min.	Temperature: Absolute Min.	Temperature: Date.	Temperature: *Mean.	Temperature: Diff. from Normal.	Temperature: †24 hr. Mean.	Precipitation: Total.	Precipitation: Diff. from Normal.
		S.	W.															
1001																		
1002	Apia, Samoa	13 49	171 45	4	1009·5	1009·9	+0·9	301·7	303·6	..	296·8	294·6	..	299·3	−0·2	*298·8*	493	+125
1003	Alofi, Niue Island	19 2	169 55	36·6	1009·0	1013·2	+1·2	303·5	305·8	25th	295·3	293·6	17th	299·4	−0·6	..	272	— 56
1004																		
1007	Tahiti (Makatea)	15 47	148 14	39	1008·4	1012·8	+2·0	303·1	304·1	..	298·1	296·1	..	300·6	..	..	74	..
1008																		
1021	Puerto de Arica	18 28	70 20	10	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1022	Arequipa	16 22	71 33	2451	760·9	..	0·0	290·8	293·6	5th, 6th	..	..	..	285·9	..	..	14	0
1023																		
1024	Sucre, Bolivia	19 3	67 17	2844	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1025	Araguaya	15 33	52 59	488	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1026	Cuyaba	15 35	56 0	235	990·3	1017·1	−0·2	302·4	306·0	6th, 7th	296·9	294·0	17th	299·7	−0·3	..	201	— 6
1027	Bello Horizonte	19 54	43 30	857	916·6	1011·6	..	300·7	306·0	..	290·8	287·0	..	295·8	..	..	73	..
1028	Cœtite	14 2	42 37	900	913·7	1012·9	..	303·0	306·2	10th	290·9	289·7	21st	297·0	..	..	18	..
1029	Ondina	13 0	38 30	45·2	1006·0	1011·2	..	303·0	306·2	5th	295·7	295·1	22nd, 26th	299·4	..	..	153	..
1030	Aracaju	10 55	37 4	4·3	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1035	St. Helena	15 57	W 5 40	? 620	945·3	1016·3	−0·7	295·1	298·6	1st, 27th	288·8	287·9	23rd, 29th	292·0	−0·1	*291·7*	132	+ 13
1036																		
1041																		
1042	Gwelo	19 26	E 0 2	1416	856·0	..	−1·9	297·4	300·8	..	287·6	284·2	..	292·5	+0·2	..	169	+102
1043	Salisbury, Rhodesia	17 48	31 5	1487	854·6	..	−2·0	297·7	301·0	..	287·5	283·0	..	292·6	−0·3	..	234	+108
1044	Zomba	15 23	35 18	954	903·8	1008·9	−2·8	299·5	302·4	5th	291·0	289·1	31st	295·3	+0·8	*294·5*	142	— 70
1045	Tamatave	18 9	49 26	4	1010·7	1011·1	−0·7	303·0	305·4	..	296·3	295·4	..	299·7	−0·2	..	580	+126
1046	Tananarivo	18 55	47 32	1400	863·4	..	+0·2	298·6	301·5	23rd, 24th	289·1	287·5	31st	293·9	−0·7	292·8	271	+ 78
1055	Cocos Keeling Is.	12 5	96 54	4·6	..	..	..	..	..	..	..	..	..	..	..	..	174	— 40
1056																		
1057	Christmas Is.	10 25	105 43	5·5	1006·4	1007·0	−1·0	304·2	305·8	..	296·7	295·4	..	300·5	−0·2	..	69	—177
1058																		
1061	Derby	17 18	123 40	16·2	..	1008·3	+0·1	308·1	311·1	31st	297·1	291·8	14th	302·6	−0·6	..	89	— 13
1062	Hall's Creek	18 13	127 46	373·6	..	1008·2	−0·7	306·4	309·7	19th	291·9	286·9	16th, 17th	299·2	−1·9	..	50	+ 28
1063	Port Darwin	12 28	130 51	29·6	..	1006·9	−0·5	304·8	307·0	30th	297·7	295·4	10th	301·2	−0·8	*300·1*	240	— 10
1064	Daly Waters	16 16	133 23	210·6	..	1007·0	..	306·2	310·2	18th	294·9	291·9	17th	300·6	−1·3	*300·2*	59	— 72
1065	Mein	13 13	142 57	121·9	..	1005·7	..	304·2	306·0	21st	295·9	292·1	10th	300·1	..	..	308	+ 93
1066	Georgetown, Queensland	18 23	143 33	301·8	..	1007·5	..	304·4	308·0	27th	294·0	289·7	10th	299·2	..	..	232	+117
1067	Samarai	10 37	150 40	6·4	..	1008·2	0·0	303·4	..	..	298·1	..	..	300·8	+0·4	..	210	— 63
1068																		
1071	La Kolle	17 40	168 20	30	..	..	..	305·4	307·5	6th	294·4	292·2	17th	299·9	..	..	433	..
1072	Suva, Fiji	18 8	178 26	13·4	..	1009·5	−0·6	304·1	306·3	5th	295·9	294·2	14th	300·0	+0·3	..	306	— 74
		S. ° ′	E. ° ′	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.

* Mean of max. and min. or of observations at fixed hours.

† Computed means for the 24 hours are in *italics*

MARCH—ZONE 11.

Table representing the Meteorology of the Globe between Latitude 20° S. and 30° S.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure: Mean at Level of Station.	Pressure: Mean at M.S.L.	Pressure: Diff. from Normal.	Temperature: Mean Max.	Temperature: Absolute Max.	Temperature: Date.	Temperature: Mean Min.	Temperature: Absolute Min.	Temperature: Date.	Temperature: *Mean.	Temperature: Diff. from Normal.	Temperature: †24 hr. Mean.	Precipitation: Total.	Precipitation: Diff. from Normal.
		° S. ′	° W. ′	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.
1105	Rarotonga (Avarua)	21 12	159 47	..	..	..	..	300·8	301·8	6, 20, 24	296·0	292·9	5th	298·4	..	..	466	+197
1106																		
1115	Mataveri, Easter Island	27 10	109 26	30	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1116																		
1121	Punta Tortuga, Coquimbo	29 56	71 21	25	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1122	Puerto de Antofagasta	23 39	70 25	5	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1125	Goya	29 9	59 15	64	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1126	Porto Alegre	30 1	51 13	24·5	1011·6	1014·5	..	299·1	305·0	6th	288·9	284·1	1st, 14th	294·0	..	*295·9*	41	— 23
1127	Curityba	25 25	49 15	908	913·8	1015·1	0·0	298·2	303·0	3rd	288·2	285·2	17th	293·2	+0·3	*292·6*	62	— 53
1128	Rio de Janeiro	22 54	W43 10	61	1005·7	1012·8	−0·4	..	305·2	..	..	293·3	..	..	+0·2	298·3	57	— 78
1139	Windhuk	22 34	E17 6	1665·3	832·0	..	..	..	..	..	..	..	..	..	+3·2	293·1	..	..
1140																		
1141	Johannesburg	26 11	28 4	1806	821·6	..	−1·9	295·7	299·7	16th	285·3	280·6	31st	290·5	+0·6	*290·0*	165	+ 58
1142	Kimberley	28 42	28 47	1202	880·9	..	−1·1	301·8	..	..	285·9	..	..	293·9	+1·0	294·6	115	+ 37
1142*a*	Pretoria	25 45	28 11	1339	866·8	..	−1·9	300·5	304·8	17th	286·4	281·8	15th	293·4	+0·6	..	128	+ 24
1143	Durban	29 51	31 0	80	1005·2	1014·5	−3 4	300·3	304·7	1st	292·3	290·2	20th	296·3	−0·6	..	304	+178
1144	Lorenzo Marques	25 58	32 36	59	..	1013·2	−1·7	302·6	307·2	16th	293·9	291·4	25th, 31st	298·3	−0·3	297·1	113	+ 50
1147	Mauritius	20 6	57 33	54·3	1006·4	1012·7	+0·5	301·3	302·2	3rd, 12th	295·5	293·0	28th	298·4	−0·2	297·9	246	+ 12
1148																		
1159	Onslow	21 43	114 57	4·3	..	1007·0	−1·6	309·8	315·2	21st	296·2	293·6	19th	303·0	+0·8	..	9	— 13
1160	Peak Hill	25 38	118 47	588·3	..	1008·6	−1·2	308·8	312·6	21st	294·6	290·2	29th	301·7	+1·1	..	2	— 36
1161	Nullagine	21 53	120 5	385·6	..	1008·9	−0·2	309·9	313·3	20th	292·8	287·0	19th	301·4	−0·6	..	2	— 60
1162	Laverton	28 40	122 23	466·3	..	1014·0	+0·1	305·6	314·1	21st	290·1	285·8	7, 9, 11	297·9	+0·8	..	0	— 30
1163	Alice Springs	23 38	133 37	587·0	..	1010·9	−0·1	300·6	305·8	19th	289·3	285·2	17th	294·9	−3·1	*295·2*	227	+200
1164	William Creek	28 55	136 21	76·2	..	1014·2	..	302·6	313·0	1st	289·4	284·9	16th	296·0	..	*295·9*	121	+103
1165	Boulia	22 55	139 38	145·7	..	1007·3	..	304·6	310·6	2nd	292·7	287·4	8th, 9th	298·7	..	..	77	+ 36
1166	Mitchell	26 32	147 52	337·1	..	1012·0	..	300·1	310·2	2nd	289·4	283·0	25th	294·8	..	..	254	+168
1167	Rockhampton	23 24	150 30	11·3	..	1009·9	..	303·3	308·1	2nd	293·9	291·3	24th, 31st	298·6	..	..	522	+400
1168	Brisbane	27 28	153 2	41·7	..	1013·3	−1·1	299·9	306·2	2nd	292·1	288·6	15th	296·0	−0·6	..	163	— 3
1169	Noumea	22 16	166 27	9	1005·8	1006·8	..	304·8	307·2	10, 13, 15	296·3	294·6	23rd	300·6	+2·0	..	363	+223
1170	Norfolk Island	29 4	167 58	..	..	..	..	..	..	..	..	..	..	..	..	..	255	+156
		S.	E.															

MARCH—ZONE 12.

Between Latitude 30° S. and 40° S.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure: Mean at Level of Station.	Pressure: Mean at M.S.L.	Pressure: Diff. from Normal.	Temperature: Mean Max.	Temperature: Absolute Max.	Temperature: Date.	Temperature: Mean Min.	Temperature: Absolute Min.	Temperature: Date.	Temperature: *Mean.	Temperature: Diff. from Normal.	Temperature: †24 hr. Mean.	Precipitation: Total.	Precipitation: Diff. from Normal.
		S.	W.															
1219																		
1220	Juan Fernandez	33 37	78 50	10	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1221	Punta Angeles, Valparaiso	33 1	71 38	40	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1222	Santiago	33 27	70 42	520	954·5	1014·7	+1·3	..	303·8	16th	..	275·5	20th	288·1	−1·5	*288·0*	10	+ 5
1223	Cordoba	31 25	64 12	439	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1224	Buenos Ayres	34 16	64 11	25·2	1012·9	1015·9	+2·0	297·1	303·1	5th	285·6	278·4	17th	291·4	−3·9	291·1	61	— 53
1225	Rio Grande	32 2	52 6	2·3	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1226	Montevideo	34 52	W56 12	29·3	1012·8	1016·2	+3·1	295·9	301·3	2nd	284·8	277·8	23rd	290·4	−2·7	290·5	65	— 36
1239	Cape Town	33 56	E18 29	12	1012·5	1013·9	−0·3	298·1	303·4	..	288·1	279·2	..	293·1	0·0	*291·4*	32	+ 8
1240	Danger Point	34 37	19 18	20	..	..	..	291·2	293·0	1, 3, 22	286·4	284·1	21st	288·8	..	..	89	..
1241	Heidelberg	34 5	20 58	1541	..	..	..	297·4	303·6	8th, 23rd	286·4	279·7	20th	291·9	+0·7	..	54	+ 2
1242	East London	33 2	27 55	10·1	1013·1	1014·3	−0·7	296·1	299·7	5th, 25th	289·9	286·3	31st	293·0	−0·3	..	150	+ 92
1259	Perth (Observatory)	31 57	115 51	60·0	..	1015·8	+0·4	302·0	309·3	2nd	290·0	283·5	29th	296·0	+1·3	..	1	— 13
1260	Katanning	33 42	117 35	309·7	..	1016·1	−0·1	300·8	307·6	3rd	285·7	279·7	29th	293·3	+1·2	..	3	— 23
1261	Coolgardie	30 57	121 10	423·3	..	1015·9	+1·1	302·7	311·9	19th	287·8	280·2	29th	295·3	+0·3	..	1	— 16
1262	Eucla	31 45	128 58	4·6	..	1016·5	−0·2	301·1	315·8	24th	290·3	284·7	15th	295·7	+1·9	..	13	— 9
1263	Streaky Bay	32 48	134 13	13·1	..	1017·4	+0·3	300·5	309·7	20th, 28th	287·1	280·4	16th, 17th	293·8	+0·9	..	3	— 13
1264	Adelaide	34 56	138 35	42·7	..	1017·7	+0·5	299·0	309·4	24th	287·5	282·3	16th	293·3	−0·8	*292·8*	104	+ 76
1265	Melbourne	37 49	144 57	35·1	..	1017·9	+0·7	297·2	307·9	23rd	286·3	279·9	11th	291·8	+0·6	*291·4*	56	+ 2
1266	Bourke	30 13	145 58	110·1	..	1014·5	+0·3	302·8	312·9	2nd	290·8	285·7	26th	296·8	−1·5	..	35	— 5
1267	Sydney	33 51	151 13	44·5	..	1018·4	−0·2	296·2	302·3	8th	289·9	287·3	26th	293·1	−0·6	..	192	+ 62
1268	Lord Howe Island	31 32	159 4	..	..	..	..	..	..	..	..	..	..	..	..	..	375	+217
1271	Auckland	36 50	174 50	38·1	..	1015·5	..	295·8	298·8	12th	289·2	283·6	23rd	292·5	+1·2	..	193	+ 117
1272																		
		S.	E.															

MARCH—ZONE 13.

Between Latitude 40° S. and 50° S.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure: Mean at Level of Station.	Pressure: Mean at M.S.L.	Pressure: Diff. from Normal.	Temperature: Mean Max.	Temperature: Absolute Max.	Temperature: Date.	Temperature: Mean Min.	Temperature: Absolute Min.	Temperature: Date.	Temperature: *Mean.	Temperature: Diff. from Normal.	Temperature: †24 hr. Mean.	Precipitation: Total.	Precipitation: Diff. from Normal.
		S.	W.															
1301	Chatham Island	43 52	170 42	46	..	..	..	290·7	293·6	four times	284·1	276·9	24th	287·4	+0·7	..	42	— 39
1302																		
1321	Punta Corona	41 51	73 50	25	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1322	Punta Galera	40 1	73 44	40	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1323	Bahia Blanca	38 45	W62 12	20	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1324																		
1365	Hobart	42 53	E147 22	53·9	..	1018·1	+3·5	293·8	305·4	23rd	284·1	276·3	10th	289·0	+0·7	*288·0*	22	— 19
1366	Launceston	41 27	147 10	9·4	..	1018·4	..	295·6	301·4	23rd	283·8	275·2	10th	289·7	..	..	21	— 22
1369																		
1370	Dunedin	45 52	170 31	91	..	1016·0	+1·7	292·2	300·8	10th	281·7	276·9	21st	286·9	+0·8	..	52	— 29
1371	Christchurch	43 32	172 38	7·6	..	1017·7	+1·1	292·2	302·6	10th	283·1	273·9	22nd	287·7	0·0	..	93	+ 37
1372	Wellington	41 16	174 46	33·5	..	1018·5	+2·2	292·9	298·2	2nd	286·6	281·9	twice	289·8	+0·8	..	61	— 22
		S. ° ′	E. ° ′	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.

* Mean of max. and min. or of observations at fixed hours.

† Computed means for the 24 hours are in *italics*

MARCH—ZONE 14. Table representing the Meteorology of the Globe between Latitude 50° S. and 60° S.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure: Mean at Level of Station.	Pressure: Mean at M.S.L.	Pressure: Diff. from Normal.	Temperature: Mean Max.	Temperature: Absolute Max.	Temperature: Date.	Temperature: Mean Min.	Temperature: Absolute Min.	Temperature: Date.	Temperature: *Mean.	Temperature: Diff. from Normal.	Temperature: †24 hr. Mean.	Precipitation: Total.	Precipitation: Diff. from Normal.
		° ′ S.	° ′ W.	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.
1421	Islota de los Evangelistas	52 24	75 6	55	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1422	Puerto de Punta Arenas	53 10	70 54	4	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1423	Punta Dungeness	52 24	68 25	5	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1425	Cape Pembroke	51 41	57 42	15	1007·7	1009·5	+7·5	284·4	291·9	17th	278·7	274·7	18th	281·6	0·0	281·6	..	..
1426	Stanley, Falkland Is.	51 41	57 51	4	..	..	..	..	..	..	..	..	..	..	..	..	2	−54
1429	S. Georgia (Cumberland Bay)	54 14 S.	36 34 W.	3	1000·5	1000·9	+4·3	281·3	290·1	20th	274·4	271·2	29th	277·9	−0·4	*277·5*	102	−36

MARCH—ZONE 15. Between Latitude 60° S. and 70° S.

1527 1528	South Orkneys	S. 60 ° 44 ′	W. 44 ° 39 ′	6·9 metres.	996·1 mb.	997·0 mb.	+7·2 mb.	275·5 a.	280·5 a.	12th	271·6 a.	269·0 a.	7th	273·6 a.	+0·7 a.	273·4 a.	69 mm.	+10 mm.

* Mean of max. and min. or of observations at fixed hours. † Computed means for the 24 hours are in *italics*.

DAILY OBSERVATIONS OF WIND WITHIN THE TROPICS.—MARCH 1910.

Date.	St. Helena.* 1035. Direction.	St. Helena.* 1035. Mean Velocity for the Day.	Fanning Island. 805. Direction and Force.		Sierra Leone. 834. Direction and Force.		Malden Island. 905. Direction and Force.		Tulagi. 969. Direction and Force.	Ocean Island. 970. Direction and Force.		Suva, Fiji. 1072. Direction.	Suva, Fiji. 1072. Mean Velocity, 24 hrs. ending 9 a.m.
			9 a.m.	9 p.m.	9 a.m.	5 p.m.	9 a.m.	8 p.m.	9 a.m.	9 a.m.	9 p.m.	9 a.m.	
	9 a.m.	m/s.											m/s.
1	SE by S	3·8	E 4	E 6	Calm 0	NW 2	NE 2	NE 2	Calm 0	E 3	E 3	..	4·4
2	SSE	4·6	NE 4	NE 4	NE 1	W 3	NE 3	NE 2	NW 6	E 1	E 4	..	2·3
3	SE by S	5·0	NE 4	E 4	NE 1	SW 2	NE 2	NE 2	NW 2	E 3	E 3	..	2·3
4	SSE	4·1	NE 4	NE 4	SW 2	W 2	E 3	E 2	NW 2	E 5	E 4	..	2·3
5	SE	4·1	Calm 0	NE 2	NW 2	W 3	E 1	SE 2	NW 2	E 5	E 4	..	2·3
6	SE	6·2	E 2	E 2	NE 1	W 3	NE 2	NE 1	NW 2	E 5	E 3	..	1·5
7	SE	6·6	E 4	E 4	W 1	NW 2	E 2	E 3	NW 3	SE 7	E 3	..	1·0
8	SE by S	7·6	E 4	E 4	SW 3	W 2	E 4	E 5	NW 4	SE 3	E 3	..	1·7
9	SE	7·9	E 4	SE 4	NE 2	SW 3	NE 2	NE 2	NW 2	NE 3	E 5	..	1·6
10	SE by S	6·2	NE 4	E 4	NE 1	W 3	NE 2	NE 1	NW 2	E 5	SE 7	..	1·1
11	SE by S	5·4	E 4	NE 4	NE 1	W 3	NE 2	NE 2	NW 2	NE 7	E 4	..	1·2
12	SE by S	5·1	NE 4	NE 4	Calm 0	W 3	E 2	E 1	Calm 0	NE 5	NE 3	..	1·4
13	SSE	5·5	E 4	NE 4	Calm 0	W 3	E 2	E 1	Calm 0	NE 7	NE 4	..	1·7
14	SSE	9·7	NE 4	E 4	NW 2	W 3	E 1	E 2	E 2	NE 7	NE 4	..	1·5
15	SSE	8·6	E 4	E 4	NE 2	Calm 0	NE 3	NE 2	ESE 3	E 4	E 3	..	1·6
16	SSE	5·6	NE 4	NE 4	Calm 0	W 2	NE 1	NE 1	SE 4	E 5	E 4	..	2·2
17	SE by S	7·0	NE 5	NE 6	NW 2	NW 3	E 4	E 2	Calm 0	E 7	E 7	..	2·0
18	SSE	8·5	E 4	E 4	E 1	W 3	NE 1	NE 1	SE 2	E 4	E 4	..	1·4
19	SE	8·0	NE 4	NE 4	E 2	W 2	NE 1	NE 2	SE 2	E 3	E 4	..	1·9
20	SE by S	6·3	NE 4	E 4	N 1	NE 1	NE 2	NE 1	SE 2	E 3	E 4	..	1·5
21	SE by S	4·2	E 4	SE 4	NE 2	W 2	E 2	E 1	Calm 0	E 3	E 4	..	1·5
22	SSE	3·6	SE 4	SE 4	W 2	W 2	E 3	E 1	Calm 0	E 3	E 4	..	1·3
23	SSE	..	NE 2	NE 4	W 2	W 2	NE 3	E 2	Calm 0	E 4	E 3	..	1·8
24	..	..	NE 4	E 4	W 1	W 3	NE 2	NE 1	SE 2	E 1	E 4	..	2·2
25	SSE	4·5	E 4	E 4	W 2	NE 2	E 1	E 2	NW 5	E 4	E 3	..	2·2
26	SE by S	3·8	E 4	E 4	N 1	SW 2	E 3	E 4	NW 4	E 3	E 4	..	13·4
27	SE by S	2·6	E 4	E 2	NE 2	S 2	E 4	E 1	NW 6	E 4	E 3	..	8·5
28	SSE	6·6	E 4	E 4	N 2	W 1	NE 3	NE 1	NE 3	E 3	E 3	..	2·3
29	SE by E	9·1	E 4	E 4	NE 2	SW 2	NE 1	E 1	SE 2	NE 3	E 3	..	1·2
30	SE by S	8·8	E 4	E 4	S 2	NW 2	E 1	SE 1	NW 2	E 3	E 3	..	8·3
31	SE by S	6·2	SE 4	SE 4	Calm 0	W 2	SE 2	SE 2	SE 4	E 3	NE 3	..	3·4
Mean for Month	..	6·0	3·8	3·9	1·4	2·3	2·2	1·7	2·3	4·0	3·7	..	2·7
Deviation from Normal	..	−0·6	..	..	..	..	−0·9	..	..	+1·6		..	

* Direction and velocity of the South-East Trade Wind at 620 metres.

STATE OF ICE IN THE ARCTIC SEAS AND IN THE NORTH ATLANTIC.—MARCH 1910.

**Barents Sea.*—" The edge of the heavy ice was in 69°–70° N., 42° E., while more further west the sea was ice-free."

**Spitsbergen.*—" Bell Sound ice-filled until the end of March."

**Greenland Sea, Iceland, and Denmark Strait.*—" The coasts of Iceland were mainly ice-free. N.W. winds prevailed at Angmagsalik and on the 19th the Storis drifted somewhat off-shore."

North Atlantic and Labrador.—" There was much floe ice in 42°–49° N., 47°–49° W., and some icebergs in 44°–47° N., 48° W. Extreme limits 1901–16 have been :—field ice, 41° N., 39½° W.; icebergs, 40° N., 40½° W."

**Davis Strait and Baffin Bay.*—" On the 3rd the main mass of Storis passed Pamiagdluk, on 6th Nanortalik, and on 12th Sagdlet. At Godthaab no Storis was observed. For some days in mid-March the west-ice lay close inshore between Holstensborg and Kangamiut. During the last days of the month violent N. gales broke up the ice at Godhavn."

**Bering Sea.*—" All through the month ice lay close to the coast off Nome."

* *Isforholdene i de arktiske Have, 1910*, issued by the Danish Meteorological Institute.

RÉSEAU MONDIAL, APRIL 1910.

TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE FOR THE MONTH OF APRIL 1910 BY MEANS OF STATIONS SELECTED AT THE RATE OF TWO FOR EACH TEN-DEGREE SQUARE.

Between Latitude 80° N. and 70° N. APRIL—ZONE 1.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure: Mean at Level of Station.	Pressure: Mean at M.S.L.	Pressure: Diff. from Normal.	Temperature: Mean Max.	Temperature: Absolute Max.	Temperature: Date.	Temperature: Mean Min.	Temperature: Absolute Min.	Temperature: Date.	Temperature: *Mean.	Temperature: Diff. from Normal.	Temperature: †24 hr. Mean.	Precipitation: Total.	Precipitation: Diff. from Normal.
		° ′ N.	° ′ W.	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.
123	North Star Bay	76 30	68 55	6·5	..	..	..	..	..	..	..	..	..	..	..	..	..	..
124																		
125	Upernivik	72 47	W56 7	18·9	1017·2	1019·7	+4·1	264·0	277·5	3rd	254·5	243·2	1st	259·3	+0·6	*258·9*	24	+10
126																		
139	Spitsbergen	78 2	E 14 14	11·4	..	..	..	..	..	..	..	..	..	..	..	..	..	..
140																		
141	Gjesvaer	71 6	25 22	6·5	1006·6	1007·4	−3·4	..	279·9	30th	..	261·8	14th	..	−0·2	*271·9*	39	+2
142	Mehavn	71 1	27 47	6·4	1007·5	1008·3	..	..	279·0	30th	..	261·1	15th	..	..	*271·4*	71	+29
143	Vardö	70 22	31 8	10·0	1007·0	1008·3	−3·2	..	278·9	30th	..	261·2	15th	..	+0·2	*271·4*	74	+32
144																		
147																		
148		N.	E.															

Between Latitude 70° N. and 60° N. APRIL—ZONE 2.

203	Nome	64 30	165 24	6·7	..	1014·5	..	263·8	276·9	30th	253·2	242·4	12th	258·5	..	..	12	..
204																		
205	Tanana	65 12	152 0	? 73·8	..	?1012·5	..	270·8	282·4	30th	257·2	237·4	10th	264·0	..	..	7	..
206																		
207	Valdez	61 6	146 13	8·2	..	1008·8	..	280·9	290·2	21st	268·3	257·4	7th	274·6	..	..	20	..
208	Eagle	64 46	141 12	248	..	1008·1	..	276·8	285·8	30th	259·6	245·8	10th	268·2	..	..	6	−9
209	Dawson	64 4	139 20	321	971·2	1011·3	−1·1	276·8	284·1	30th	262·2	248·6	10th	269·5	−1·4	..	43	..
210	Carcross	60 11	134 34	662	..	..	..	276·4	284·1	30th	264·6	253·6	7th	270·5	..	..	23	..
211																		
212	Fort Simpson	61 52	120 43	129	..	..	..	..	..	..	..	..	..	..	..	..	..	..
213	Hay River	60 51	115 20	161	..	..	..	..	..	..	..	..	..	..	..	..	..	..
225	Jacobshavn	69 13	51 2	12·6	1015·6	1017·2	+3·8	269·4	276·5	8th	257·9	241·2	1st	263·7	+0·5	*263·6*	49	+40
226	Godthaab	64 11	51 44	9	1012·6	1013·8	+4·4	275·9	286·2	16th	268·1	258·6	1st	272·0	+2·7	*270·0*	8	−25
229	Angmagsalik	65 37	37 34	31·7	1015·2	1019·3	+11·7	273·2	279·8	7th	259·6	252·3	14th	266·4	−3·3	..	7	−59
230																		
231	Stykkisholm	66 5	22 46	11·3	1011·9	1013·5	+2·4	274·0	281·7	7th	268·8	262·5	12th	271·4	−2·5	*271·6*	29	−2
232	Vestmanno	63 26	20 15	7·7	1009·6	1010·6	0·0	277·7	282·4	7th	271·4	265·6	15th	274·6	−2·8	*274·4*	69	−19
233	Grimsey (Akureyri)	66 33	17 58	6·8	1013·0	1013·9	+1·1	272·5	277·3	6th	267·9	263·4	12th	270·2	−1·5	*270·1*	4	−13
234	Berufjord	64 40	14 19	18·0	1007·0	1009·3	−1·7	275·6	282·8	8th	269·4	264·8	29th	272·5	−1·9	*272·4*	47	−32
235	Thorshavn	62 3	W 6 45	25·7	1003·2	1006·4	−4·7	279·0	282·0	8th	273·5	268·8	22nd	276·3	−2·0	..	117	+29
236																		
237	Bergen (Met. Obs.)	60 24	E 5 19	44·4	1000·0	1005·4	−7·3	..	286·3	14th	275·5	271·4	23rd	..	−0·5	*278·1*	174	+82
238	Christiansund	63 7	7 45	17·8	1002·8	1004·9	−7·6	..	285·4	28th	275·4	271·2	14th	..	+0·5	*277·9*	107	+52
239	Trondhjem	63 26	10 25	39·5	1000·7	1005·6	−7·2	..	286·6	29th	274·0	277·2	10th	..	+0·9	*277·4*	37	−20
240	Bodö	67 17	14 24	20·5	1002·8	1005·3	−6·6	..	284·0	29th	272·6	266·0	10th	..	+0·6	*275·3*	56	+9
241	Haparanda	65 50	24 9	9·2	1006·5	1007·7	−5·8	276·3	283·5	30th	269·4	260·0	10th	272·9	+1·7	*272·8*	58	+35
242	Helsingfors	60 10	24 57	11·7	..	1011·0	−3·5	281·0	286·1	18th	274·2	267·3	11th	277·6	+3·2	*277·6*	18	−15
242a	Kuopio	62 54	27 40	99·7	..	1011·5	−4·6	281·0	288·0	18th	270·8	260·9	11th	275·9	+2·7	*276·6*	34	..
243	Kola	68 53	33 1	6·7	..	1009·9	−2·5	..	282·8	28th	..	256·4	16th	..	+0·3	*271·4*	27	+20
244	Petrozavodsk	61 47	34 23	38·9	..	1013·0	−1·9	..	290	..	..	264	..	..	+3·4	*277·1*	..	..
245	Arkhangelsk	64 33	40 32	6·7	..	1012·7	−1·2	..	292	..	..	252	..	..	+2·3	*274·0*	19	+1
246	Velsk	61 5	42 7	? 83	..	..	..	..	..	..	..	..	..	..	..	..	..	..
247	Oust-Tsylma	65 27	52 10	? 25	..	1013·0	−3·2	..	292	..	..	249	..	..	+2·4	*271·2*	..	..
248	Troitsko-Petcherskoe	62 42	56 13	? 123	..	..	..	..	..	..	..	..	..	..	..	..	..	..
249	Berezov	63 56	65 4	39·9	..	..	..	..	..	..	..	..	..	..	..	..	..	..
250	Obdorsk	66 31	66 35	23·7	..	..	..	..	..	..	..	..	..	..	..	..	..	..
251	Sourgout	61 15	73 24	? 40	..	..	..	..	..	..	..	..	..	..	..	..	..	..
252																		
253	Touroukhansk	65 55	87 38	? 40	..	..	..	..	..	..	..	..	..	..	..	..	..	..
254	Doudinka	69 7	87 0	? 20	..	..	..	..	..	..	..	..	..	..	..	..	..	..
261	Olekminsk	60 22	120 26	? 135	..	..	..	..	..	..	..	..	..	..	..	..	..	..
262	Iakoutsk	62 1	129 43	? 108	..	..	..	..	..	..	..	..	..	..	..	..	..	..
263	Verkhoïansk	67 33	133 24	? 100	..	..	..	..	..	..	..	..	..	..	..	..	..	..
264	Oust-Maïskoe	60·25	134 29	? 100	..	..	..	..	..	..	..	..	..	..	..	..	..	..
271	Markovo sur Anadyr	64 45	170 50	? 20	..	..	..	..	..	..	..	..	..	..	..	..	..	..
272	Novo-Mariinskii Post	64 45	177 33	5·2	..	..	..	..	..	..	..	..	..	..	..	..	..	..
		N. ° ′	E. ° ′	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.

* Mean of max. and min. or of observations at fixed hours. † Computed means for the 24 hours are in *italics*

APRIL—ZONE 3.

Table representing the Meteorology of the Globe between Latitude 60° N. and 50° N.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure: Mean at Level of Station.	Pressure: Mean at M.S.L.	Pressure: Diff. from Normal.	Temperature: Mean Max.	Temperature: Absolute Max.	Temperature: Date.	Temperature: Mean Min.	Temperature: Absolute Min.	Temperature: Date.	Temperature: *Mean.	Temperature: Diff. from Normal.	Temperature: †24 hr. Mean.	Precipitation: Total.	Precipitation: Diff. from Normal.
301																		
302		° ′ N.	° ′ W.	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.
303	Dutch Harbour	53 54	166 32	4·0	..	..	..	276·1	281·9	25th, 29th	268·2	264·1	4th	272·2	..	..	75	..
304																		
305																		
306																		
307																		
308																		
309	Sitka	57 4	135 20	27	..	1010·5	0·0	281·5	287·4	25th	273·1	270·2	6th	277·3	−0·7	..	156	+ 14
310	Prince Rupert	54 18	103 18	52	..	..	..	..	..	..	..	..	..	..	..	..	..	..
311	Barkerville	53 2	121 35	1274	..	1008·8	..	280·4	291·3	23rd	269·9	260·8	3rd	275·2	+0·3	*275·4*	38	− 12
312	Kamloops	50 41	120 29	380	..	1013·5	−1·7	291·2	306·1	25th	277·5	270·8	3rd	284·4	+1·5	*284·4*	3	− 6
313	Calgary	51 2	114 2	1033	..	1011·7	−2·2	288·9	301·9	25th	272·7	266·3	15th	280·8	+3·5	*281·0*	8	− 10
314	Fort Chipewyan	58 42	111 10	218	988·8	1016·0	..	277·2	283·0	24th	267·6	256·3	8th	272·4	..	*273·3*	8	..
315	Prince Albert	51 10	106 0	437	..	1012·8	−2·4	284·8	303·0	24th	272·1	264·4	22nd	278·4	+2·8	*278·9*	10	− 11
316	Qu'Appelle	50 30	103 47	645	..	1012·5	−3·1	287·3	304·4	20th	272·4	262·4	22nd	279·9	+4·7	*280·2*	21	− 7
317	Minnedosa	50 15	99 50	515	..	1014·9	..	286·5	298·8	25th	271·4	261·4	23rd	279·0	+3·0	*278·9*	37	+ 15
318	Berens River	52 18	97 23	216	..	..	..	279·4	289·7	..	268·4	259·7	..	273·9	..	*273·8*	43	..
318a	York Factory	57 0	92 28	11	1018·2	1019·6	+0·3	...	277·4	19th	259·1	249·7	23rd	..	..	*267·1*	..	..
319	Fort Hope	51 32	87 48	? 270	984·3	1017·9	..	278·3	289·1	4th	267·0	258·6	24th	272·7	+0·3	..	44	+ 38
320	Moose Factory	51 16	80 56	9	1015·3	1016·5	..	278·4	290·2	22nd	267·1	254·7	28th	272·7	+2·3	..	40	+ 11
321																		
322																		
323	Hebron	58 12	62 21	15·0	1011·4	1013·3	+1·1	273·4	277·6	..	266·5	257·6	..	270·0	+4·2	..	..	..
324	Nain	56 33	61 41	4·2	1014·2	1014·7	+2·0	274·8	283·9	..	267·5	254·9	..	271·2	+4·2	..	..	..
325																		
326	Point Riche	50 42	57 25	10·7	..	..	..	..	283·0	23rd	..	265·2	30th	274·2	+2·3	..	20	+ 10
327																		
328																		
329																		
330																		
331																		
332																		
333																		
334	Valencia	51 56	10 15	13·7	1010·9	1012·5	0·0	283·1	286·9	18th	278·2	273·6	9th	280·7	−1·5	280·8	94	− 5
335	Aberdeen	57 10	2 6	27·4	1004·0	1007·3	−5·4	281·8	286·3	10th	275·7	273·0	8th	278·7	−0·8	278·7	72	+ 19
336	Greenwich	51 28	W 0 0	48	1005·1	1011·0	−2·4	286·0	291·9	21st	276·8	269·7	3rd	281·4	−0·5	281·0	67	+ 27
337	Uccle	50 48	E 4 22	100	999·3	1011·5	−2·6	285·8	291·0	13th	276·7	270·8	1st	281·3	−0·4	281·1	57	+ 4
338	De Bilt	52 6	5 11	3·0	1010·8	1011·2	−2·5	285·4	290·1	15th	276·5	270·3	11th	281·0	−1·5	280·8	70	+ 27
338a	Hamburg	53 33	9 59	26·0	1007·5	1010·6	−2·4	284·4	292·6	14th	277·3	272·9	1st	280·9	+0·2	280·7	60	+ 18
339	Copenhagen	55 41	12 36	5·0	1008·6	1009·2	−4·7	282·8	288·1	15th	276·7	271·9	11th	279·8	+1·1	*279·7*	57	+ 25
340	Potsdam	52 23	13 4	84·9	1000·7	1011·2	−3·0	287·1	296·6	14th	276·1	269·9	1st	281·6	+0·8	281·0	22	− 15
340a	Upsala	59 51	17 38	24·0	1005·7	1008·6	−5·4	283·3	293·7	15th	272·8	262·9	11th	278·1	+2·3	278·1	31	+ 5
341	Warsaw	52 15	21 1	127	996·8	1012·3	−1·4	286·3	294·0	16th	277·6	272·4	3rd	282·0	+0·6	282·3	30	− 6
342	Jurjev	58 23	26 43	74·5	1003·4	1012·6	−2·1	284·9	290·5	14th, 15th	274·6	269·5	2nd	279·8	+2·5	279·2	16	− 14
343	Petrograd	59 56	30 16	4·8	..	1013·1	−1·6	..	289	..	..	269	..	..	+3·9	*279·0*	23	− 1
344	Kiev	50 27	30 30	183·1	991·7	1013·9	−0·7	286·2	296·5	20th	277·5	270·8	1st	281·9	+1·7	281·5	46	+ 4
344a	Moscow	55 45	37 34	156	997·1	1016·2	0·0	285·9	296·6	29th	275·4	263·9	1st	280·7	+3·4	280·6	32	− 2
345	Saratov	51 32	46 3	59·9	..	1018·6	+1·5	..	297	..	..	267	..	..	+4·4	*282·6*	10	− 18
346	Kazan	55 47	49 8	79·8	1009·1	1019·0	+1·2	..	296·4	23rd	..	262·4	7th	..	+2·8	*279·0*	26	+ 4
347	Orenburg	51 45	55 6	114·1	..	1021·1	+1·1	..	296	..	..	266	..	..	+4·7	*281·0*	19	− 4
348	Perm	58 1	56 15	163·0	..	1018·6	+1·2	..	292	..	..	256	..	..	+1·5	*275·9*	27	+ 7
349	Ekaterinburg	56 50	60 38	288·9	..	1019·1	+1·0	..	293	..	..	255	..	..	+2·5	*276·7*	13	0
350	Tobolsk	58 12	68 14	108·3	..	..	..	..	..	..	..	..	..	..	..	..	..	..
351	Akmolinsk	51 12	71 23	? 347	..	..	..	..	..	..	..	..	..	..	..	..	..	..
352	Omsk	54 58	73 23	90	..	1020·1	+0·3	..	294·0	28th	..	253·0	5th	..	+1·9	*274·2*	13	+ 2
353	Barnaoul	53 20	83 47	162·2	..	1022·9	+1·1	..	292·8	24th	..	256·6	6th	..	+0·1	*274·0*	9	− 5
354	Tomsk	56 30	84 58	121·6	..	1020·5	+0·6	..	288·9	25th	..	254·5	5th	..	+1·3	*271·0*	55	+ 35
355	Minousinsk	53 43	91 41	? 245	..	..	..	..	..	..	..	..	..	..	..	..	..	..
356	Eniseisk	58 27	92 11	84·4	..	..	..	..	..	..	..	..	..	..	..	..	..	..
357	Irkutsk	52 16	104 19	467·0	..	1022·7	+3·2	..	288·2	25th	..	255·2	1st	..	+3·2	*272·2*	8	− 7
358	Kirensk	57 47	108 7	? 263	..	..	..	..	..	..	..	..	..	..	..	..	..	..
359	Tchita	52 2	113 30	663·7	..	1020·6	..	..	288·8	21st	..	252·7	1st	273·8	..	..	36	..
360	Blagoveshchensk Priisk	58 10	114 17	? 490	..	..	..	..	..	..	..	..	..	..	..	..	..	..
360a	Nertchinsk	51 59	116 35	484·3	..	1014·7	+0·3	..	287·2	26th	..	248·1	1st	..	+1·5	*271·4*	135	+123
361	Tygan Ourkan	54 5	124 46	? 370	..	..	..	..	287·6	26th	263·7	250·9	2nd	..	..	*271·9*	22	..
362	Blagoveshchensk	50 15	127 38	133·6	..	..	..	..	..	..	..	..	..	..	..	..	..	..
363	Paikanskii Sklad	50 11	130 7	? 168	..	..	..	..	290·2	27th	265·1	246·1	1st	..	..	*274·0*	..	..
364																		
365	Nikolaevsk-sur-Amour	53 8	140 45	21·2	..	..	..	..	281·6	8th	..	252·8	2nd	..	+2·3	*272·1*	0	− 33
366	Okhotsk	59 21	143 17	6·0	..	..	..	..	..	..	..	..	..	..	..	..	..	..
367																		
368	Petropavlovsk Phare	52 53 N.	158 47 E.	87·1	..	..	..	..	..	..	..	..	..	..	..	..	..	..
369																		
370																		
371																		
372		° ′	° ′	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.

* Mean of max. and min. or of observations at fixed hours. † Computed means for the 24 hours are in *italics*.

Table representing the Meteorology of the Globe between Latitude 50° N. and 40° N.

APRIL—ZONE 4.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure: Mean at Level of Station.	Pressure: Mean at M.S.L.	Pressure: Diff. from Normal.	Temperature: Mean Max.	Temperature: Absolute Max.	Temperature: Date.	Temperature: Mean Min.	Temperature: Absolute Min.	Temperature: Date.	Temperature: *Mean.	Temperature: Diff. from Normal.	Temperature: †24 hr. Mean.	Precipitation: Total.	Precipitation: Diff. from Normal.
		° ′ N.	° ′ W.	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.
411	Victoria, B.C.	48 24	123 19	25·9	1015·4	1018·6	+2·0	285·8	293·4	23rd	277·6	273·1	14th, 17th	281·7	−0·7	281·5	43	− 3
412	Portland, Oregon	45 32	122 41	46·6	1013·7	1019·3	+1·4	290·1	304·7	22nd	280·1	274·1	14th	285·1	+1·4	*284·7*	96	+ 18
413	Macleod	49 44	113 24	954	..	..	..	291·1	304·9	26th	275·6	268·0	7th, 8th	283·4	+4·8	*283·6*	4	− 9
414	Helena	46 34	112 4	1253	873·4	1014·9	0·0	291·7	303·0	25th	276·6	270·2	3rd	284·2	+5·6	*284·3*	9	− 20
414a	Salt Lake City	40 46	111 54	1329	868·0	1015·6	+2·4	291·7	302·4	26th	279·4	271·3	15th	285·6	+2·5	*285·9*	17	− 41
415	Cheyenne	41 8	104 48	1856	812·8	1014·5	+1·7	288·6	300·8	28th	273·5	266·9	4th	281·1	+2·7	*281·1*	29	− 18
416	North Platte	41 8	100 45	859	915·8	1014·9	+1·7	293·3	308·0	28th	275·7	269·1	19th	284·5	+2·1	*284·4*	12	− 42
416a	Bismarck	46 47	100 38	510·6	953·5	1014·2	−0·7	291·7	305·2	27th	274·4	266·3	23rd	283·1	+4·2	*282·9*	15	− 33
417	Winnipeg	49 53	97 7	231·6	..	1014·9	−2·7	286·1	296·9	25th	272·0	263·7	22nd	279·1	+2·4	277·9	38	− 1
418	Duluth	46 47	92 6	345·1	972·0	1013·9	−2·4	282·8	295·8	13th	273·4	264·1	23rd	278·1	+1·6	*278·0*	36	− 18
419	Port Arthur	48 27	89 12	196·3	..	1014·9	−3·3	282·5	293·0	26th	272·3	264·7	23rd	277·4	+2·7	*277·4*	41	0
420	Chicago	41 53	87 37	250·8	982·3	1012·5	−3·4	288·4	303·0	29th	278·9	269·7	23rd	283·7	+2·9	*283·6*	98	+ 24
421	Toronto	43 40	79 24	106·7	1000·2	1013·3	−3·1	285·9	296·3	14th	276·6	270·2	12th	281·3	+2·1	280·5	127	+ 74
422	New York	40 43	74 0	95·7	1002·1	1013·5	−2·4	289·7	299·1	30th	280·7	274·1	8th	285·2	+3·3	285·9	115	+ 31
423	St. John, N.B.	45 17	66 4	21·3	..	1015·2	+1·3	282·9	292·2	25th	276·2	269·5	29th	279·6	+2·4	*279·2*	187	+112
424	S. W. Point, Anticosti	49 24	63 35	9·1	1013·2	1014·4	+0·7	280·9	286·9	..	267·5	256·3	..	274·2	+1·6	..	201	+167
425	Sable Island (Main Station)	43 57	60 6	7·6	1016·6	1017·5	..	280·4	285·2	..	275·7	271·9	..	278·1	+1·8	..	59	− 40
426	St. Johns, Newfoundland	47 34	52 42	38·1	..	1015·2	+1·5	279·9	291·3	25th	273·0	268·0	5th	276·5	+1·6	..	42	− 69
435	Madrid	40 24	3 41	655·4	938·7	1014·5	−0·6	291·8	303·0	22nd	277·3	268·2	1st	284·6	−0·7	284·3	34	− 13
436	Nantes	47 15	W 1 34	41·4	1008·9	1014·0	−1·2	287·0	292·6	13th	277·0	272·0	6th	282·0	−2·2	*281·7*	37	− 10
437	Paris (Parc St. Maur)	48 49	E 2 29	50·3	1006·5	1012·7	−1·9	287·5	293·5	19th	276·6	271·2	11th	282·0	−1·1	281·8	46	+ 4
438	Marseilles	43 18	5 23	75	1002·0	1011·1	−1·6	289·9	299·1	21st	279·9	270·0	1st	284·9	−1·1	*284·5*	111	+ 68
438a	Zürich	47 23	8 33	493·2	954·9	1013·5	−0·9	287·1	296·0	14th	276·2	268·5	1st	281·7	−0·9	280·9	93	− 3
439	Rome	41 54	12 29	63·4	..	1011·2	−2·7	291·7	297	14th, 20th	282·5	279	1, 12, 18	287·1	+0·4	*287·0*	93	+ 25
440	Vienna	48 15	16 22	202·5	987·7	1011·9	−1·7	285·7	292·7	14th	277·6	269·6	1st	281·7	−0·2	281·7	48	− 2
440a	Buda-Pesth	47 30	19 2	112·5	998·4	1012·1	−1·2	288·2	295·0	18th	279·8	273·7	12th	284·0	+0·1	*283·6*	84	+ 23
441	Bucharest	44 25	26 6	82	1002·8	1012·7	−0·1	290·6	299·9	17th	278·4	271·5	3rd	284·5	+0·6	*284·2*	46	− 5
442																		
443	Odessa (University)	46 29	30 46	65·3	1006·1	1014·1	−1·0	286·2	293·5	20th	279·2	271·1	2nd	282·7	+0·9	*282·4*	22	− 5
444	Kharkov (University)	50 0	36 14	140	..	1015·4	−0·3	..	296	..	..	269	..	282·9	+2·8	*282·6*	63	+ 23
444a	Novorossiisk	44 40	37 49	37	..	1015·6	+0·5	..	300	..	..	274	..	284·4	+0·7	*284·1*	46	+ 1
445	Tiflis	41 43	44 48	409	..	1016·6	+0·7	..	296	..	..	272	..	285·7	+0·7	*285·5*	43	− 12
446	Astrakhan	46 21	48 2	−14	..	1017·8	+1·0	..	298	..	..	271	..	284·8	+2·3	*284·6*	4	− 8
447	Fort Alexandrovsk	44 31	50 16	24	..	..	..	..	..	..	..	..	..	..	..	..	..	..
448	Krasnovodsk	40 0	52 59	−15	..	1015·2	−0·5	..	300	..	..	276	..	288·9	+2·0	*288·7*	..	..
449	Tachkent	41 20	69 18	478·3	..	1018·6	+2·7	..	299·3	12th	..	270·1	6th	..	−1·9	*285·9*	28	− 30
450	Irgiz	48 37	61 16	112	..	..	..	..	..	..	..	..	..	..	..	..	..	..
451	Narynskoe	41 26	76 2	?2015	..	..	..	..	..	..	..	..	..	..	..	..	..	..
452	Vernyi	43 16	76 53	824·8	..	..	..	..	..	..	..	..	..	..	..	..	..	..
461	Mukden	41 48	123 23	43·8	1010·7	1016·1	+1·6	287·9	292·8	27th	274·3	265·8	1st	281·1	−0·5	281·1	51	+ 21
462	Joshin	40 40	129 11	4·0	1014·6	1015·1	+1·5	285·5	297·3	30th	274·8	267·2	1st	280·2	−0·5	279·4	21	− 8
463	Vladivostok	43 7	131 54	15·7	..	1017·3	+2·2	..	289·8	27th	..	268·4	1st	..	+1·7	*278·1*	8	− 20
464																		
465	Ochiai (Galkino-Vrasskoe)	47 20	142 44	15·0	1012·0	1013·9	..	280·0	286·0	24th	269·5	258·4	1st	274·8	..	274·2	18	..
466	Nemuro	43 20 N.	145 35 E.	26·7	1011·4	1014·7	+0·7	279·5	289·6	28th	272·8	266·4	1st	276·1	+0·2	275·7	95	+ 24

Between Latitude 40° N. and 30° N.

APRIL—ZONE 5 (Western Half).

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure: Mean at Level of Station.	Pressure: Mean at M.S.L.	Pressure: Diff. from Normal.	Temperature: Mean Max.	Temperature: Absolute Max.	Temperature: Date.	Temperature: Mean Min.	Temperature: Absolute Min.	Temperature: Date.	Temperature: *Mean.	Temperature: Diff. from Normal.	Temperature: †24 hr. Mean.	Precipitation: Total.	Precipitation: Diff. from Normal.
		° N.	° W.	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.
511	San Francisco	37 48	122 26	47·2	1012·8	1018·6	+1·0	290·9	303·6	23rd	282·9	280·8	18th	286·9	+1·9	*286·3*	8	− 42
512	San Luis Obispo	35 18	120 39	61·3	1010·9	1018·3	+0·7	293·7	308·6	23rd	281·6	278·6	12th	287·6	+1·7	*287·2*	6	− 45
513	Modena	37 48	113 54	1670	834·2	1014·9	+3·0	292·0	299·7	25th	273·6	265·2	4th	282·8	+1·5	*283·0*	7	− 14
514	San Diego	32 43	117 10	26·5	1012·9	1015·9	+0·3	293·6	308·6	23rd	285·4	281·3	2nd	289·5	+1·9	*289·4*	2	− 18
515	Santa Fé	35 41	105 57	2138	787·5	1013·9	+3·4	288·9	296·9	28th	274·3	265·2	16th	281·6	0·0	*281·7*	25	+ 3
516	Denver	39 45	105 0	1613	837·2	1014·5	+2·0	291·7	303·0	28th	276·8	269·1	4th	284·2	+2·5	*284·2*	35	− 20
517	Abilene	32 23	99 40	529·6	954·1	1014·9	+2·4	299·0	307·4	21st	284·6	276·3	25th	291·8	+0·8	*291·7*	33	− 25
518	Saint Louis	38 38	90 12	172·8	991·9	1012·5	−2·7	291·3	304·7	29th	281·1	269·1	24th	286·2	−0·2	*286·0*	104	+ 14
519	Mobile	30 41	88 2	17·4	1014·2	1016·2	−0·3	297·3	300·8	13th	287·3	276·9	25th	292·3	+0·4	*292·0*	39	− 71
520	Nashville	36 10	86 47	166·4	995·0	1014·9	−1·4	293·2	302·4	29th	281·9	273·0	25th	287·6	−0·5	*287·4*	155	+ 44
521	Charleston	32 47	79 56	14·6	1013·5	1015·2	−1·7	296·3	304·7	2nd	286·9	278·0	26th	291·6	+0·9	*291·3*	25	− 51
522	Washington	38 54	77 3	34·1	1009·1	1013·2	−3·4	293·5	306·3	30th	281·3	275·8	14th	287·4	+2·7	*287·5*	150	+ 68
523																		
524	Bermuda	32 17	64 30	46·0	..	1019·6	+0·5	294·1	295·9	3rd	289·0	286·8	18th	291·6	+3·0	..	236	+111
531	Horta	38 32	28 38	30	..	1016·2	−4·6	290·2	292	28th	287·1	285	sev. dates	288·6	+0·1	..	83	+ 49
532	Ponta Delgada	37 45	25 41	17	1017·0	1019·0	−1·8	290·3	291·9	25th	286·8	284·5	14th	288·6	+0·3	..	41	− 34
533	Madeira (Funchal)	32 38	16 55	25	1017·3	1020·3	+1·7	292·7	297·0	21st	283·7	281·0	1st	288·2	+0·1	*289·4*	20	− 30
534	Lisbon	38 43	9 9	95	1005·6	1017·1	+1·2	291·0	300·1	21st	284·0	279·7	2nd	287·5	−0·7	*286·6*	39	− 35
535	Casablanca	33 37	7 35	? 17	1016·0	1018·0	..	291·6	295·2	..	286·0	282·0	..	288·8	−0·6	*288·9*	4	− 29
536	Gibraltar	36 6	5 21	16·2	1012·9	1014·8	−0·7	293·7	300·2	23rd	..	..	..	..	−0·3	*288·5*	19	− 49
		° ′	° ′	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.

* Mean of max. and min. or of observations at fixed hours. † Computed means for the 24 hours are in *italics*.

APRIL—ZONE 5 (Eastern Half). Table representing the Meteorology of the Globe between Latitude 40° N. and 30° N.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure: Mean at Level of Station.	Pressure: Mean at M.S.L.	Pressure: Diff. from Normal.	Temperature: Mean Max.	Temperature: Absolute Max.	Temperature: Date.	Temperature: Mean Min.	Temperature: Absolute Min.	Temperature: Date.	Temperature: *Mean.	Temperature: Diff. from Normal.	Temperature: †24 hr. Mean.	Precipitation: Total.	Precipitation: Diff. from Normal.
		N. ′	E. ′	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.
537	Algiers	36 47	3 4	38·5	1010·4	1015·0	+0·3	293·4	299·4	26th	285·3	277·7	2nd	289·4	−0·5	*288·8*	39	− 14
538	Palma	39 33	2 42	23	1011·1	1013·8	−0·7	291·0	297·6	20th	282·7	275·2	2nd	286·9	−0·6	..	58	+ 18
538a	Tunis	36 48	10 10	43	..	1015·2	+1·1	297·4	303	23rd	281·2	277	4, 5	289·3	+0·4	..	9	− 32
539	Malta	35 54	14 31	59	..	1014·3	+1·1	291·0	296	24th	285·5	281	19th	288·2	−0·6	..	19	− 4
540	Catania	37 30	15 3	64·9	1005·1	1012·9	−0·9	292·5	296·7	23rd	284·3	280·4	9th, 12th	288·4	+0·6	..	11	− 27
541	Athens	37 58	23 43	107·1	..	1013·4	−0·3	291·6	296	28th, 30th	284·1	281	1, 5, 6	287·8	−0·6	*287·6*	16	− 6
542	Alexandria	31 9	29 54	32·0	..	1015·1	+0·8	298·0	311	5th	287·9	285	1st	293·0	+1·0	*292·3*	2	− 2
543	Cairo (Helwan)	29 52	31 20	115·6	..	1013·9	−0·4	302·6	313	5th	288·0	283	13th	295·3	+1·3	295·5	0	− 12
544	Nicosia	35 12	33 24	152	..	1013·9	+0·1	297·4	302·4	8th, 17th	279·6	275·8	1st	288·5	−0·6	*288·9*	18	− 4
544a	Beirut	33 54	35 28	52·4	..	1014·0	+1·3	295·5	302	7th	287·7	284	1st	291·6	0·0	..	30	− 21
545	Baghdad	33 21	44 28	38·7	1006·6	1011·0	−3·0	302·4	307·9	20th	287·7	284·6	16th	295·1	+0·7	..	6	− 15
546	Lenkoran	38 46	48 52	−19	..	1016·3	+1·2	..	292	..	..	276	..	..	+0·3	*285·7*	45	− 18
547	Busrah	30 31	47 53	7·6	1012·1	1012·9	−0·6	299·8	304·9	21st	291·8	286·4	5th, 6th	295·8	−0·8	..	0	− 12
548	Meshed	36 16	59 35	946	905·1	1013·0	..	292·4	299·9	30th	275·8	266·2	7th	284·1	−3·1	..	28	− 16
549	Quetta	30 11	67 3	1677	832·0	..	−0·8	294·8	302·8	18th	278·3	270·5	4th	286·6	−2·1	*286·9*	21	− 5
550																		
551	Lahore	31 34	74 20	214	983·2	1007·6	+0·1	306·4	313·8	19th	290·1	285·3	5th, 11th	298·3	−2·1	*298·1*	25	+ 12
551a	Simla	31 7	77 8	2205	780·7	..	−0·5	290·8	295·9	20th	283·7	279·2	22nd	287·3	−0·6	*287·6*	27	− 17
552	Leh	34 10	77 42	3503	664·5	..	−2·5	284·5	290·6	19th	271·7	267·2	6th	278·1	−1·6	*277·5*	8	+ 2
552a	Dehra Dun	30 20	78 0	681	932·2	1008·0	−0·3	305·6	312·7	19th	289·7	286·1	23rd	297·7	−0·6	*297·6*	19	+ 1
559	Hang Kow	30 35	114 17	37·0	1012·6	1017·0	+1·2	290·7	300·7	16th	284·4	272·7	1st	287·6	−2·0	*287·2*	170	+ 49
560	Tiensin	39 10	117 10	5·0	1016·5	1017·1	+1·5	292·2	302·9	16th	279·8	271·8	2nd	286·0	−0·6	..	5	− 8
561	Shanghai (Zi-Ka-Wei)	31 12	121 26	7	1015·9	1016·7	+1·8	289·9	302·7	24th	281·3	274·0	2nd	285·6	−1·5	284·9	70	− 25
562	Jinsen (Chemulpo)	37 29	126 32	67·0	1009·3	1017·6	+2·5	287·1	293·2	20th	278·3	271·4	15th	282·7	−1·1	282·2	32	− 46
562a	Nagasaki	32 44	129 52	133·0	999·7	1015·7	+0·3	291·1	297·5	20th	282·0	277·5	7th	286·5	−1·4	286·0	215	− 10
563	Kioto	35 1	135 46	49·4	1011·2	1017·2	+1·2	291·7	299·4	17th	277·2	271·5	6th	284·4	−0·9	284·4	84	− 85
564	Tokio	35 41	139 45	21·3	1013·9	1016·4	+0·8	289·9	295·1	27th	280·9	274·3	2nd	285·4	−0·1	285·3	79	− 50
565	Miyako	39 38	141 59	30·4	1012·5	1016·2	+0·7	287·9	296·2	17th	275·4	268·6	1st	281·7	−0·1	281·1	58	+ 48
566		N.	E.															

APRIL—ZONE 6. Between Latitude 30° N. and 20° N.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure: Mean at Level of Station.	Pressure: Mean at M.S.L.	Pressure: Diff. from Normal.	Temperature: Mean Max.	Temperature: Absolute Max.	Temperature: Date.	Temperature: Mean Min.	Temperature: Absolute Min.	Temperature: Date.	Temperature: *Mean.	Temperature: Diff. from Normal.	Temperature: †24 hr. Mean.	Precipitation: Total.	Precipitation: Diff. from Normal.
		N.	W.															
605	Honolulu	21 19	157 52	11·6	1017·6	1018·9	+0·7	297·8	299·7	..	292·7	289·7	..	295·3	−0·4	..	38	− 22
606																		
615	Zacatecas	22 47	102 33	2610	747·6	..	..	291·1	294·6	21st	282·2	278·6	3rd	286·7	..	..	5	..
616	Leon	21 7	101 41	1798·6	822·6	..	+0·2	301·0	304·3	22nd	284·2	281·5	20th	292·6	−1·5	..	0	− 7
617	Galveston	29 18	94 50	16·5	1015·0	1016·9	+2·0	296·4	300·2	17th	290·8	280·2	25th	293·6	+0·2	*293·4*	23	− 56
618	New Orleans	29 58	90 4	15·6	1014·4	1016·2	+0·3	298·2	302·4	13th	288·7	278·0	25th	293·5	+0·5	*293·2*	23	− 102
619	Havana	23 8	82 22	24·3	..	1017·2	+1·0	298·9	303·6	16th	292·0	289·1	9th	295·5	−1·0	*295·5*	5	− 59
620	Key West	24 33	81 48	6·7	1016·2	1016·9	+0·3	299·4	301·3	13th	293·5	290·8	22nd	296·5	−0·7	*296·4*	1	− 32
621	Nassau, Bahamas	25 5	77 21	7·6	1016·6	1017·5	+1·3	299·0	301·9	13th	293·4	290·2	22nd, 24th	296·2	−0·3	..	29	− 47
622																		
633	Puerto de Orotava	28 25	16 32	? 100	..	..	..	292·3	297·7	..	285·7	283·1	..	289·0	−1·3	..	2	− 32
634	Las Palmas, Canary Islands	28 7	W15 26	7	1018·4	1019·2	+0·5	295·4	300·2	22nd	288·5	286·0	11th	292·0	+0·3	..	0	− 8
637	Insalah	27 17	E 2 27	330	976·7	1014·5	−0·9	307·5	315·0	27th	285·7	280·5	3rd	296·6	−0·9	*296·5*	0	..
638																		
641	Dakhla Oasis	25 30	29 0	130·0	..	1015·5	+0·1	309·0	317	9th	288·3	284	15th, 23rd	298·6	+1·1	*300·2*	..	..
642	Wadi Halfa	21 55	31 20	128·3	..	1011·6	−0·9	310·5	317	9th	291·3	284	17th	300·9	+1·5	*301·7*	..	..
643	Suez	29 57	32 32	3·4	..	1013·8	+0·4	303·1	311	8th	288·6	286	sev. dates	295·8	+1·7	..	1	− 2
644	Aswan	24 2	32 53	99·6	..	1013·8	+0·8	311·2	316	9th	292·4	288	1st, 15th	301·8	+1·7	*302·4*	..	..
647	Bushire	28 59	50 53	4	1011·0	1011·5	+0·2	298·2	306·5	15th	291·4	281·3	2nd	294·8	−1·6	..	0	− 12
648	Jask	25 44	57 47	4	1009·0	1009·6	−1·3	301·9	304·0	19th	294·9	291·5	5th	298·4	−1·4	..	0	− 2
649	Kurrachee	24 53	66 57	4	1009·0	1009·5	+0·3	302·9	307·2	12th	295·7	290·2	10th	299·3	−0·3	*298·6*	0	− 4
650	Hyderabad, Sind	25 24	68 18	29	1005·0	1008·3	+0·2	310·5	318·6	18th	293·6	287·2	12th	302·1	−1·8	..	1	0
651	Jaipur	26 56	75 52	436	960·5	1009·2	+0·4	309·7	315·9	19th	292·4	286·9	11th	301·1	−2·2	*301·0*	4	− 1
652	Nagpur	21 8	79 5	310	973·5	1007·9	−0·3	314·4	316·9	20th	297·7	293·4	15th	306·1	+0·3	*305·9*	0	− 14
653	Allahabad	25 25	81 51	94	996·8	1007·3	+0·1	312·6	316·1	19th	294·8	289·1	14th	303·7	−0·5	*303·4*	0	− 4
654	Calcutta	22 36	88 23	6	1007·1	1007·8	−0·3	308·9	313·4	11th	297·2	293·6	16th	303·1	+0·3	*302·7*	31	− 13
655	Gauhati	26 8	91 41	59	1002·9	1009·8	..	302·5	307·9	24th, 25th	293·2	290·6	1st, 4th	297·9	..	..	167	+ 4
655a	Cherrapunji	25 15	91 42	1314	866·2	..	..	294·3	297·3	13th	..	..	..	..	..	..	697	−146
656	Shillong	25 33	91 48	1500	847·4	..	..	296·3	301·3	12th	286·9	283·4	18th	291·6	..	..	153	+ 46
656a	Akyab	20 11	92 56	6	1009·3	1010·0	−0·5	304·7	307·9	30th	296·7	290·8	16th	300·7	−1·2	*300·4*	316	+273
657	Phu Lien	20 48	106 37	115·6	997·2	1010·7	−0·1	298·4	304·4	27th	293·3	289·0	13th	295·9	−0·5	294·8	63	− 15
658	Moncay	21 31	107 51	10	1010·0	1011·2	+0·2	297·4	304·7	28th	292·3	286·3	3rd	294·9	−1·0	*294·1*	231	+123
659																		
660	Hong Kong	22 18	114 10	33·2	..	1012·5	−0·1	296·3	302·1	18th	291·9	288·0	12th	294·1	−0·3	293·9	95	− 55
661	Taihoku, Formosa	25 2	121 31	9·3	1012·7	1013·8	−0·1	296·4	305·7	18th	290·1	285·6	2nd	293·3	−1·0	292·6	131	+ 3
662	Naha	26 13	127 41	10·5	1012·6	1013·9	−0·7	296·5	301·5	25th, 27th	290·7	286·5	13th	293·6	−0·5	293·4	175	+ 11
		N. °	E. °	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.

* Mean of max. and min. or of observations at fixed hours. † Computed means for the 24 hours are in *italics*.

Table representing the Meteorology of the Globe between Latitude 20° N. and 10° N. APRIL—ZONE 7.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure: Mean at Level of Station.	Pressure: Mean at M.S.L.	Pressure: Diff. from Normal.	Temperature: Mean Max.	Temperature: Absolute Max.	Temperature: Date.	Temperature: Mean Min.	Temperature: Absolute Min.	Temperature: Date.	Temperature: *Mean.	Temperature: Diff. from Normal.	Temperature: †24 hr. Mean.	Precipitation: Total.	Precipitation: Diff. from Normal.
		N. ′	W. ′	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.
715	Zapotlanejo	19 38	103 37	..	..	..	..	..	305·0	..	..	282·0	..	..	..	..	0	..
716	Morelia	19 42	101 7	1951	809·9	..	..	298·8	302·0	22nd	283·8	281·4	13th	291·3	..	*291·5*	3	..
717	Salina Cruz	16 12	95 12	56·3	1006·7	1013·2	..	..	307·4	10th	..	293·5	21st	..	..	*299·6*	1	..
718	Mexico	19 26	99 8	2280	778·8	..	−0·7	297·3	301·6	15th	282·3	273·8	6th	289·8	−1·2	289·6	7	− 12
718a	Oaxaca	17 4	96 44	1563	847·0	..	..	303·3	306·3	12th	285·3	282·2	21st	294·3	..	*293·7*	7	..
719	Belize	19 29	88 12	1·9	..	..	..	..	303·0	..	..	293·0	..	..	..	..	42	− 23
720	San Salvador	13 44	89 9	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
721	Jamaica (Negril Point)	18 15	78 23	10·1	..	1014·8	+1·4	302·6	305·2	15th	294·0	290·2	2nd	298·3	−0·1	*297·9*	19	− 58
722	Port au Prince	18 34	72 22	37·4	1010·5	1014·8	+0·5	303·9	306·5	..	294·2	292·3	..	299·1	−0·7	298·4	247	+ 91
723	St. Croix (Christiansted)	17 45	64 42	6·6	1013·0	1013·7	..	300·1	303·5	..	296·0	294·9	..	298·1	..	..	13	..
724	Grenada (Richmond Hill)	12 3	61 45	155·8	995·3	1013·2	+0·5	301·5	303·0	24, 26, 27	295·7	293·6	1st, 9th	298·6	−0·5	*298·2*	99	+ 37
725	Barbados	13 8	59 36	55·2	..	1014·0	+2·2	302·3	304·8	..	297·0	291·1	..	299·7	+0·4	*299·6*	20	− 23
731	St. Vincent, C. Verde Is.	16 54	25 4	11	1012·9	1014·1	−0·3	299·6	303·0	23rd	291·9	290·0	23, 27, 29	295·7	+0·8	..	0	− 1
732	San Tiago, C. Verde Is.	14 54	23 31	34	1010·9	1014·8	..	300·2	304·8	28th	293·4	291·1	8th	296·8	+0·7	..	0	− 1
733	Bathurst	13 24	16 36	1·5	..	1010·5	−2·1	305·8	313·0	17th	292·7	289·7	23rd	299·2	+1·9	*299·6*	0	0
734	M'Carthy Island	13 42	14 46	1·1	..	..	..	..	316·9	..	..	290·2	..	303·6	−0·7	..	0	0
735	Ségou	13 34	6 17	272	..	..	..	313·8	316·0	13th, 27th	295·0	291·8	11th	304·4	..	..	0	..
736	Timbouctoo	16 43	W 2 52	250	980·1	1008·1	−1·0	312·9	317·8	19th	292·8	286·2	10th	302·9	−2·5	*302·8*	0	..
737	Sokoto	13 2	E 5 14	354	..	..	..	312·9	315·2	7th	298·9	296·9	18th, 19th	305·9	+0·2	..	0	− 5
738	Kontagora	10 24	5 29	400	..	..	..	310·7	313·0	15th	297·2	292·4	15th	303·9	+0·5	..	11	− 37
739	Maiduguri	11 48	13 12	361	..	..	..	..	..	..	..	..	..	..	..	..	..	..
740	Katagum	12 17	10 22	402	..	..	..	313·5	317·4	7th	294·4	289·7	1st, 15th	303·9	−1·2	..	6	− 4
742	Kadugli	11 2	29 45	503	..	..	..	312·5	318·0	4th	294·1	288·0	19th	303·3	..	..	87	..
743	El Obeid	..	1008·8	−1·6	312·1	315	4th	293·3	286	17th	302·7	+0·8	*303·4*	0	− 2			
744	Khartoum	15 37	32 33	390	..	1007·5	−0·5	313·6	319	28th	295·0	290	17th	304·3	+1·1	*305·1*	0	0
746	Aden	12 45	45 3	28·7	1009·1	1012·3	+0·9	304·0	306·5	3rd	297·8	296·0	10th	300·9	−0·6	*299·9*	0	− 7
751	Bombay	18 54	72 49	11·3	1008·8	1010·0	−0·6	305·2	306·6	14, 23, 24	298·0	294·7	5th	301·6	+0·2	*301·0*	0	− 2
752	Mysore	12 18	76 40	768	926·0	1010·9	−0·4	308·2	310·5	13th	294·0	290·8	25th	301·1	+0·3	*300·4*	67	0
752a	Kodaikanal	10 13	77 28	2343	770·9	..	−1·0	293·8	297·2	2nd	285·6	284·1	6th	289·7	+0·3	288·8	104	− 5
753	Madras	13 4	80 14	6·7	1008·5	1009·1	−1·0	307·7	311·6	25th	298·7	294·7	7th	303·2	+0·7	302·5	1	− 14
754	Waltair	17 45	83 16	68·9	1001·0	1008·8	−0·8	304·8	307·5	24th	298·6	295·4	16th	301·7	..	*301·1*	6	− 16
755	Port Blair	11 40	92 40	17·7	1007·8	1009·8	−0·9	304·1	305·9	9th	298·1	296·9	11th, 22nd	301·1	−1·7	*300·5*	89	+ 16
756	Rangoon	16 46	95 48	5·5	1009·4	1010·1	−0·6	308·0	310·3	3rd	297·6	295·7	19th	302·8	−1·0	*301·5*	73	+ 33
757	Saigon	10 46	106 42	11·2	1007·0	1008·2	−0·6	306·4	308·6	2nd	297·7	296·2	23rd	302·0	−1·2	..	108	+ 41
758	Nhatrang	12 16	109 12	6·8	1008·6	1009·3	−0·7	306·4	308·7	30th	296·3	295·1	16th	301·4	+0·6	..	74	+ 44
759	Bolinao	16 24	119 53	7·5	..	..	..	..	..	..	..	..	..	..	..	..	..	..
760	Vigan	17 34	120 23	20	..	1009·1	+0·1	306·5	307·7	23rd	297·3	295·4	11th	301·9	−0·1	301·2	80	+ 47
761	Manila	14 35	120 59	14·2	..	1009·1	−1·1	306·4	308·2	16th	295·3	293·1	9th	300·9	−1·0	300·2	94	+ 63
762	Ormoc	11 0	124 36	5·6	..	1008·5	−1·2	304·2	306·1	16th	294·5	291·5	17th	299·4	−0·2	299·0	100	+ 34
765	Guam, Ladrone Is.	13 24	144 38	20·4	..	1008·9	−0·7	302·6	303·6	17th	297·6	294·4	18th	300·1	−0·2	..	76	+ 36
		N.	E.															

Between Latitude 10° N. and 0°. APRIL —ZONE 8.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure: Mean at Level of Station.	Pressure: Mean at M.S.L.	Pressure: Diff. from Normal.	Temperature: Mean Max.	Temperature: Absolute Max.	Temperature: Date.	Temperature: Mean Min.	Temperature: Absolute Min.	Temperature: Date.	Temperature: *Mean.	Temperature: Diff. from Normal.	Temperature: †24 hr. Mean.	Precipitation: Total.	Precipitation: Diff. from Normal.
		N.	W.															
805	Fanning Island	3 55	159 23	4·3	..	..	..	302·3	303·3	16, 17, 18	297·4	295·8	23rd	299·9	−0·7	*299·1*	231	−232
819	Culebra	9 10	79 40	52·4	996·9	1011·2	+0·3	303·0	305·8	24th	295·2	293·6	10th	299·1	−0·3	..	136	+ 39
823	El Peru, Guayanavieja	7 30	62 0	? 300	985·0	..	..	303·9	305·9	2nd	290·3	290·3	8th	298·5	..	..	74	..
826	Georgetown, Brit. Guiana	6 50	58 12	1·8	1012·5	1012·7	+0·2	302·2	303·6	17th	296·7	295·2	23rd	299·5	−0·2	..	200	+ 19
826a	Paramaribo	5 49	55 9	4	1013·1	1013·5	+0·6	302·6	305·3	4th	295·3	292·2	6th	299·0	−0·3	*298·2*	132	− 96
	Cayenne	4 56	52 21	6	..	..	..	302·0	303·4	16, 21, 28	296·7	295·2	9th	299·4	+0·1	*300·1*	464	− 15
833	Conakry	9 31	13 43	16	1008·2	1010·0	−0·6	305·5	307·5	..	298·5	296·0	..	302·0	+0·6	*302·7*	20	− 6
834	Sierra Leone	8 30	13 9	68·3	1002·3	1010·2	−0·6	306·2	308·0	3rd, 4th	297·6	295·3	16th	301·9	+0·5	..	13	− 94
835	Cape Coast Castle	5 5	1 13	..	..	..	..	304·2	305·8	29th	295·7	290·8	5th	299·9	−0·6	..	81	− 4
836	Accra	5 35	W 0 6	18	..	..	..	..	..	..	..	..	..	..	..	..	54	− 51
837	Lagos	6 27	E 3 24	7·6	..	1008·9	−0·9	304·6	306·3	..	296·9	294·1	..	300·8	−0·2	..	114	− 38
838a	Zungeru	9 48	6 10	130	..	1009·1	−0·7	310·2	312·4	15th, 17th	297·8	294·1	5th	304·0	+0·3	..	29	− 26
839	Yola	9 12	12 30	259	..	..	..	303·8	305·0	17th, 30th	293·9	293·0	9th, 27th	298·9	−1·0	..	417	+ 88
841	Kafia Kingi	9 22	24 18	596	..	..	..	310·6	313·0	1st, 4th	298·3	294·1	11th	304·4	−0·3	..	60	+ 8
842	Wau	7 42	28 3	440	..	1008·2	..	..	..	..	..	..	..	..	..	..	36	..
843	Entebbe	0 5	32 29	1177	881·9	..	−1·1	310·4	319·1	16th	295·2	287·5	2nd	302·8	..	..	29	− 7
844	Nandi	0 2	35 5	2010	..	..	..	298·2	299·9	5th	290·5	288·7	13th	294·4	0·0	*293·8*	225	− 32
845	Harrar	9 42	42 30	1856	..	..	..	..	..	..	..	..	..	..	..	..	204	− 30
851	Cothin	10 0	76 21	2·7	1009·9	1010·1	−0·3	298·6	300·0	6th, 30th	287·9	287·0	sev. dates	293·3	..	..	3	..
852	Colombo Observatory	6 54	79 53	7·3	1007·7	1008·5	+0·2	305·6	306·7	4th	298·8	295·1	27th	302·2	−0·2	*301·6*	176	+ 44
853	Candy	7 18	80 40	504·5	..	..	..	304·6	305·8	28th	296·9	293·8	2nd	300·8	−1·2	*300·2*	148	− 73
855	Medan	3 35	98 41	23·5	..	1009·7	−0·3	303·3	305·7	5th	293·6	291·3	7th	298·5	+0·3	..	202	+ 25
856	Kota Radja	5 32	95 20	7·1	..	1009·8	−0·7	..	..	..	..	..	..	..	..	..	227	+100
857	Penang	5 34	100 20	4·9	1008·2	1008·7	−1·1	305·7	306·3	sev. dates	294·6	294·1	sev. dates	300·2	−1·1	..	25	− 79
858	Singapore	1 17	103 51	2·2	1008·5	1008·7	+0·1	304·3	305·7	19th	296·5	294·9	2nd	300·4	+0·1	..	112	− 67
860	Sandakan	5 49	118 12	..	..	..	..	304·6	305·8	20th, 22nd	297·2	296·3	sev. dates	300·9	0·0	..	214	+ 12
861	Tagbilaran	9 38	123 51	26·2	..	1007·2	−2·2	304·4	307·2	27th	296·0	293·7	22nd	300·2	..	*299·7*	89	− 21
862	Surigao	9 48	125 29	6	..	1008·5	−1·1	302·7	304·5	23rd, 27th	296·1	294·9	20th	299·4	−0·5	299·0	172	− 23
863	Yap	9 29	138 8	31·9	..	1007·4	−0·4	304·0	305·5	22nd	297·8	296·9	16th	300·9	0·0	..	383	+111
869	Uyelang	9 42	161 3	<10	1009·0	..	−0·9	..	..	..	..	..	..	..	..	..	204	+ 83
		N. °	E. °	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	116	− 35
																	mm.	mm.

* Mean of max. and min. or of observations at fixed hours. † Computed means for the 24 hours are in *italics*.

APRIL—ZONE 9. Table representing the Meteorology of the Globe between Latitude 0° and 10° S.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure: Mean at Level of Station.	Pressure: Mean at M.S.L.	Pressure: Diff. from Normal.	Temperature: Mean Max.	Temperature: Absolute Max.	Temperature: Date.	Temperature: Mean Min.	Temperature: Absolute Min.	Temperature: Date.	Temperature: *Mean.	Temperature: Diff. from Normal.	Temperature: †24 hr. Mean.	Precipitation: Total.	Precipitation: Diff. from Normal.
		° S. ′	° W. ′	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.
905	Malden Island	3 59	155 0	8·8	1008·3	1009·3	−0·3	304·2	305·2	1, 4, 5	296·8	294·7	7th	300·5	−1·0	*299·8*	150	+ 57
906																		
923	Manaos	3 8	59 59	44·9	1003·4	1008·5	..	303·0	306·0	4th, 19th	296·2	294·8	19th	299·6	..	..	260	+ 71
929	Quixeramobim	5 16	39 18	207·0	987·9	1011·5	+0·4	302·1	304·1	10th	297·0	293·1	2nd	299·6	−0·5	*299·3*	178	..
930	Fernando Noronha	3 51	W32 25	95	..	..	..	..	..	..	..	..	..	..	..	..	..	..
939	Sainte-Croix-des-Eshiras	1 44	E10 21	195	..	..	..	307·4	309·3	4th	293·8	292·0	9th	300·6	0·0	..	120	−134
940	Loango	4 38	11 45	? 50	..	..	..	303·6	305·4	2nd	296·8	295·0	14th	300·2	..	*299·7*	372	..
943	Daressalam	6 49	39 18	7·6	1010·9	1011·7	−0·6	301·2	304·6	8th	295·7	293·5	30th	298·5	−0·6	298·0	270	+ 57
944	Nairobi	1 18	36 59	1660	..	..	..	297·4	299·7	9th	286·2	281·3	4th	291·8	+0·1	..	140	− 77
944a	Zanzibar	6 10	39 11	21·9	1011·2	1013·7	0·0	301·4	305·1	9th	297·8	295·3	4th	299·6	−0·7	*299·2*	369	+ 17
945																		
946	Lamu	2 16	40 54	3·0	..	..	..	..	..	..	..	..	..	..	..	..	204	− 65
947	Seychelles	4 37	55 27	4·6	1010·0	1010·6	−0·1	302·8	303·7	..	298·8	296·6	..	300·8	+0·7	300·1	278	+ 61
948																		
955																		
956	Padang	0 56	100 22	6·7	..	1010·9	−0·1	..	..	..	..	..	..	..	..	..	136	−222
957	Batavia	6 11	106 50	8	..	1008·7	−0·7	303·2	305·2	17th	296·5	295·7	4th	299·9	0·0	299·3	143	+ 20
958	Pontianak	0 1	109 20	2·6	..	1008·1	−1·0	..	..	..	..	..	..	..	..	..	194	− 72
959	Passeroean	7 39	112 56	5·0	1008·1	1008·6	−0·9	304·2	306·0	..	296·3	294·5	..	300·3	..	*300·0*	217	+ 83
960	Kajoemas	7 56	114 9	950	..	..	..	..	..	..	..	..	..	..	..	..	..	..
961	Koepang	10 10	123 34	3·3	..	1007·7	−0·6	..	..	..	..	..	..	..	..	..	83	+ 20
962	Ambon	3 42	128 10	4·2	..	1007·8	−0·7	..	..	..	..	..	..	..	..	..	397	+126
965	Daru	9 4	143 13	8	..	1010·0	−0·3	302·7	..	..	297·3	..	..	300·0	−0·1	..	362	+ 28
966	Port Moresby	9 29	147 9	39	..	1009·4	−0·6	303·9	..	..	297·5	..	..	300·7	0·0	..	74	− 9
967	Rakuranga	4 13	152 8	? 120	..	..	..	..	..	..	..	..	..	..	..	..	116	..
968	Rendova	8 24	157 19	..	..	..	..	..	..	..	..	..	..	..	..	..	511	+164
969	Tulagi, Brit. Solomon Is.	9 5	160 8	53·6	1002·2	1008·3	−0·4	302·2	303·0	4, 10, 22	297·0	295·2	17th	299·6	−1·1	..	328	+116
970	Ocean Island	0 52	169 36	485	..	1009·5	+1·2	304·7	305·5	23rd	298·2	297·3	4th	301·5	+0·7	*300·8*	2	−233
		S.	E.															

APRIL—ZONE 10. Between Latitude 10° S. and 20° S.

		S.	W.															
1001																		
1002	Apia, Samoa	13 49	171 45	4	1009·6	1010·0	+0·2	301·5	302·9	..	296·5	295·0	..	299·0	0·0	*298·8*	341	+ 54
1003	Alofi, Niue Island	19 2	169 55	36·6	1010·9	1015·1	+0·2	303·8	305·8	14th	294·5	292·4	25th	299·2	+0·1	..	201	+ 33
1004																		
1007	Makatea	15 47	148 14	39	1007·8	1012·3	+1·2	302·5	303·6	..	296·2	293·8	..	299·4	..	..	118	..
1008																		
1021	Puerto de Arica	18 28	70 20	10	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1022	Arequipa	16 22	71 33	2451	761·1	..	0·0	292·5	295·2	27th	283·1	277·4	20th	287·8	+0·4	..	1	− 9
1023																		
1024	Sucre, Bolivia	19 3	67 17	2844	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1025	Araguaya	15 33	52 59	488	..	..	..	..	..	..	..	..	..	298·6	+0·8	..	54	− 10
1026	Cuyaba	15 35	56 0	235	990·6	1017·4	−0·9	303·6	305·8	16th	297·6	295·4	20th	300·6	+0·8	..	117	+ 35
1027	Bello Horizonte	19 54	43 30	857	913·8	1008·8	..	300·9	?307·8	..	288·0	?280·5	..	294·5	..	..	32	..
1028	Cætite	14 2	42 37	900	915·2	1014·8	..	302·8	305·7	20th	290·3	288·4	28th	296·6	..	..	3	..
1029	Ondina	13 0	38 30	45·2	1005·6	1010·8	..	302·9	305·4	15th, 16th	296·0	293·0	28th	299·5	..	..	72	..
1030	Aracaju	10 55	37 4	4·3	1012·9	1013·4	..	303·2	304·9	7th	297·6	295·1	29th	300·4	..	..	66	..
1035	St. Helena	15 57	W 5 40	?620	947·0	1017·8	−0·2	294·5	296·9	11th, 12th	289·3	287·4	3rd	291·9	+0·4	*291·7*	122	+ 18
1036																		
1041																		
1042	Gwelo	19 26	E30 2	1416	859·9	..	+0·4	297·0	300·9	..	282·4	276·3	..	289·7	−1·5	..	11	− 6
1043	Salisbury, Rhodesia	17 48	31 9	1487	859·0	..	+0·6	297·6	301·2	..	283·9	276·0	..	290·8	−1·1	..	74	+ 55
1044	Zomba	15 23	35 18	954	908·5	1015·2	+1·2	295·7	300·2	26th	289·1	284·9	28th	292·4	−1·3	*291·2*	119	+ 18
1045	Tamatave	18 9	49 26	4	1014·1	1014·5	+0·3	302·1	305·0	..	294·4	292·4	..	298·3	−0·2	..	211	− 97
1046	Tananarivo	18 55	47 32	1400	865·7	..	+0·6	298·3	300·3	23rd	287·3	281·4	30th	292·8	−0·5	291·8	18	− 39
1055	Cocos Keeling Is.	12 5	96 54	4·6	..	..	..	302·9	305·6	19th	298·1	295·5	20th	300·5	−0·3	..	278	+ 35
1056																		
1057	Christmas Is.	10 25	105 43	5·5	1006·3	1006·9	−1·3	303·8	306·1	..	296·8	295·4	..	300·3	−0·4	..	343	+134
1058																		
1061	Derby	17 18	123 40	16·2	..	1009·6	−1·2	307·5	311·1	2nd	297·8	294·8	24th	302·7	+1·0	..	110	+ 69
1062	Hall's Creek	18 13	127 46	373·6	..	1011·3	−0·9	304·2	307·6	1st	293·2	288·3	22nd	298·7	+0·2	..	70	+ 47
1063	Port Darwin	12 28	130 51	29·6	..	1008·1	−0·8	304·3	307·4	1st	297·4	296·3	4th	300·8	−1·3	*299·7*	228	+120
1064	Daly Waters	16 16	133 23	210·6	..	1009·6	..	305·2	307·4	4th, 28th	293·4	290·8	27, 29, 30	299·3	−0·4	*298·8*	61	+ 35
1065	Mein	13 13	142 57	121·9	..	1008·2	..	303·1	304·6	10th	295·4	290·8	25th	299·3	..	..	107	+ 24
1066	Georgetown, Queensland	18 23	143 33	301·8	..	1012·0	..	304·1	305·8	22nd, 29th	292·2	285·8	22nd	298·2	..	..	6	− 36
1067	Samarai	10 37	150 40	6·4	..	1009·2	−0·4	302·1	..	..	297·6	..	..	299·9	+0·2	..	304	+ 65
1068																		
1070	La Kolle	17 40	168 20	30	..	..	..	303·3	306·0	18th	294·2	291·5	30th	298·8	..	..	256	..
1072	Suva, Fiji	18 8	178 26	13·4	..	1012·3	+0·3	302·9	306·2	12th	296·3	295·3	14th	299·6	+0·6	..	98	−179
		S. ° ′	E. ° ′	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.

* Mean of max. and min. or of observations at fixed hours. † Computed means for the 24 hours are in *italics*.

Table representing the Meteorology of the Globe between Latitude 20° S. and 30° S. APRIL—ZONE 11.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure: Mean at Level of Station.	Pressure: Mean at M.S.L.	Pressure: Diff. from Normal.	Temperature: Mean Max.	Temperature: Absolute Max.	Temperature: Date.	Temperature: Mean Min.	Temperature: Absolute Min.	Temperature: Date.	Temperature: *Mean.	Temperature: Diff. from Normal.	Temperature: †24 hr. Mean.	Precipitation: Total.	Precipitation: Diff. from Normal.
		° S. ′	° W. ′	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.
1105	Rarotonga (Avarua)	21 12	159 47	..	..	..	..	300·7	302·4	29th	295·4	290·2	24th	298·1	..	..	156	− 40
1106																		
1115	Matáveri, Easter Island	27 10	109 26	30	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1116																		
1121	Punta Tortuga, Coquimbo	29 56	71 21	25	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1122	Puerto de Antofagasta	23 39	70 25	5	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1125	Goya	29 9	59 15	64	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1126	Porto Alegre	30 1	51 13	24·5	1012·6	1015·5	..	296·4	300·5	11th	288·5	280·5	25th	292·5	..	*294·1*	194	+126
1127	Curityba	25 25	49 15	908	914·9	1016·6	−0·9	297·3	302·0	14th	286·9	281·2	9th	292·1	+1·9	*291·7*	62	− 20
1128	Rio de Janeiro	22 54	W43 10	61	1007·4	1014·5	−0·7	..	304·8	..	..	290·6	..	..	+0·6	297·2	79	− 32
1139	Windhuk	22 34	E17 6	1665·3	835·4	..	..	..	..	..	..	..	..	..	−1·1	291·7	..	..
1140																		
1141	Johannesburg	26 11	28 4	1806	824·8	..	+1·1	294·6	298·7	9th	282·2	274·1	26th	288·4	+0·4	*288·1*	11	− 20
1142	Kimberley	28 42	28 47	1202	884·9	..	+0·6	299·5	..	..	283·2	..	..	291·3	+0·8	290·8	12	− 24
1142a	Pretoria	25 45	28 11	1339	870·8	..	+0·8	299·5	302·8	8th	281·4	274·3	30th	290·4	−0·1	..	6	− 36
1143	Durban	29 51	31 0	80	1009·2	1018·6	−0·9	298·7	302·6	21st	290·2	284·9	24th	294·4	−0·8	..	71	− 16
1144	Lorenzo Marques	25 58	32 36	59	..	1019·3	+2·3	301·5	305·7	3rd	290·7	285·5	30th	296·1	−0·8	295·2	21	− 18
1147	Mauritius	20 6	57 33	54·3	1007·8	1014·1	−0·1	300·6	302·6	11th	294·1	291·4	8th	297·3	−0·1	297·0	69	− 62
1148																		
1159	Onslow	21 43	114 57	4·3	..	1009·8	−2·1	308·6	312·4	2nd	292·5	285·2	30th	300·6	+0·9	..	2	− 26
1160	Peak Hill	25 38	118 47	588·3	..	1011·9	−1·6	305·4	308·6	8th	291·0	284·0	23rd	298·2	+2·1	..	0	− 37
1161	Nullagine	21 53	120 5	385·6	..	1011·6	−1·0	307·2	309·1	1st	290·8	285·3	22nd	299·0	+0·8	..	10	− 22
1162	Laverton	28 40	122 23	466·3	..	1016·7	−0·6	302·5	308·8	7th	287·9	278·0	23rd	295·2	+1·8	..	0	− 31
1163	Alice Springs	23 38	133 37	587·0	..	1015·2	−0·1	300·4	305·2	25th	286·7	280·5	22nd	293·6	+0·4	*293·8*	3	− 22
1164	William Creek	28 55	136 21	76·2	..	1018·4	..	301·6	305·8	25th	285·4	280·5	27th	293·5	..	*293·5*	1	− 11
1165	Boulia	22 55	139 38	145·7	..	1012·8	..	304·6	307·4	24, 26, 28	290·8	287·5	23rd	297·7	..	..	2	− 18
1166	Mitchell	26 32	147 52	337·1	..	1017·7	..	300·2	303·6	28th	284·4	280·2	20th	292·3	..	..	5	− 37
1167	Rockhampton	23 24	150 30	11·3	..	1016·1	..	301·9	304·1	21st	290·2	286·8	21st	296·1	..	..	15	− 52
1168	Brisbane	27 28	153 2	41·7	..	1018·8	+1·4	299·0	301·6	28th	289·3	287·9	20th	294·2	0·0	..	31	− 70
1169	Noumea	22 16	166 27	9	1011·0	1012·0	..	301·6	305·8	2nd	294·9	292·2	30th	298·3	+1·0	..	309	+170
1170	Norfolk Island	29 4	167 58	..	..	..	..	..	..	..	..	..	..	..	..	..	114	+ 15
		S.	E.															

Between Latitude 30° S. and 40° S. APRIL—ZONE 12.

		S.	W.															
1219																		
1220	Juan Fernandez	33 37	78 50	10	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1221	Punta Angeles, Valparaiso	33 1	71 38	40	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1222	Santiago	33 27	70 42	520	955·8	1016·5	+1·0	..	300·9	8th	..	275·1	7th, 8th	285·9	−0·5	*285·8*	16	+ 2
1223	Cordoba	31 25	64 12	439	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1224	Buenos Ayres	34 16	64 11	25·2	1013·3	1016·3	−0·1	294·2	297·7	27th	283·2	273·8	24th	288·7	−1·1	288·7	35	− 44
1225	Rio Grande	32 2	52 6	2·3	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1226	Montevideo	34 52	W56 12	29·3	1013·1	1016·6	+1·2	294·5	300·1	15th	283·3	276·6	23rd	288·9	−0·9	288·8	39	− 44
1239	Cape Town	33 56	E18 29	12	1015·5	1016·9	+0·9	296·9	310·1	..	285·3	279·0	..	291·1	+0·8	*289·3*	29	− 22
1240	Danger Point	34 37	19 18	20	..	..	..	291·1	294·1	12th	285·2	281·9	26th, 28th	288·1	..	..	25	..
1241	Heidelberg	34 5	20 58	1541	..	..	..	298·2	306·3	12th	282·9	277·4	26, 27, 28	290·6	+2·2	..	19	− 22
1242	East London	33 2	27 55	10·1	1016·3	1017·5	+0·6	295·9	302·4	21st, 30th	287·2	281·3	28th	291·6	−0·4	..	12	− 47
1259	Perth (Observatory)	31 57	115 51	60·0	..	1017·9	−0·2	299·1	310·6	9th	288·4	281·3	29th	293·7	+1·7	..	23	− 12
1260	Katanning	33 42	117 35	309·7	..	1017·3	−1·2	298·1	308·2	9th	284·1	279·0	30th	291·1	+1·9	..	42	+ 20
1261	Coolgardie	30 57	121 10	423·3	..	1018·1	0·0	300·1	308·0	7th	285·4	277·9	29th	292·8	+1·3	..	2	− 15
1262	Eucla	31 45	128 58	4·6	..	1018·8	0·0	298·6	310·8	20th	286·7	277·7	30th	292·7	+0·7	..	1	− 30
1263	Streaky Bay	32 48	134 13	13·1	..	1020·6	+1·2	298·2	304·1	9th	284·5	280·8	4th, 5th	291·4	+0·6	..	0	− 31
1264	Adelaide	34 56	138 35	42·7	..	1021·4	+1·6	297·1	304·1	6th	284·8	279·7	27th	291·0	+0·1	*290·7*	2	− 46
1265	Melbourne	37 49	144 57	35·1	..	1020·9	+1·6	294·0	302·3	25th	283·8	279·2	17th	288·9	+0·6	*288·6*	24	− 37
1266	Bourke	30 13	145 58	110·1	..	1018·6	+0·9	302·3	306·9	25th	286·3	280·8	27th	294·3	+0·5	..	4	− 31
1267	Sydney	33 51	151 13	44·5	..	1021·2	+1·8	295·2	299·5	26th	287·4	283·5	28th	291·3	+0·2	..	73	− 61
1268	Lord Howe Island	31 32	159 4	..	..	..	..	..	..	..	..	..	..	..	..	..	103	− 52
1271	Auckland	36 50	174 50	38·1	..	1017·6	..	291·7	295·5	18th	284·8	279·4	28th	288·3	−0·9	..	51	− 33
1272																		
		S.	E.															

Between Latitude 40° S. and 50° S. APRIL—ZONE 13.

		S.	W.															
1301	Chatham Island	43 52	170 42	46	..	..	..	288·3	291·9	twice	282·2	275·8	14th	285·3	+0·2	..	91	+ 9
1302																		
1321	Punta Corona	41 51	73 50	25	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1322	Punta Galera	40 1	73 44	40	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1323	Bahia Blanca	38 45	W62 12	20	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1324																		
1365	Hobart	42 53	E147 22	53·9	..	1015·3	−0·7	292·3	297·4	17th	282·6	278·5	14th	287·5	+1·6	*286·7*	51	+ 5
1366	Launceston	41 27	147 10	9·4	..	1017·0	..	293·7	297·6	25th	280·2	273·8	14th	286·9	..	..	50	− 1
1369																		
1370	Dunedin	45 52	170 31	91	..	1011·8	−3·3	288·1	293·6	three times	277·7	273·0	25th	282·9	−1·0	..	50	− 39
1371	Christchurch	43 32	172 38	7·6	..	1013·8	−2·8	289·4	295·8	4th	278·4	269·4	25th	283·9	−1·2	..	6	− 43
1372	Wellington	41 16	174 46	33·5	..	1016·7	−0·4	289·3	292·2	9th	283·4	280·1	18th	286·4	−0·4	..	48	− 51
		S. ° ′	E. ° ′	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.

* Mean of max. and min. or of observations at fixed hours. † Computed means for the 24 hours are in *italics*.

APRIL—ZONE 14. Table representing the Meteorology of the Globe between Latitude 50° S. and 60° S.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure: Mean at Level of Station.	Pressure: Mean at M.S.L.	Pressure: Diff. from Normal.	Temperature: Mean Max.	Temperature: Absolute Max.	Temperature: Date.	Temperature: Mean Min.	Temperature: Absolute Min.	Temperature: Date.	Temperature: *Mean.	Temperature: Diff. from Normal.	Temperature: †24 hr. Mean.	Precipitation: Total.	Precipitation: Diff. from Normal.
		° ′ S.	° ′ W.	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.
1421	Islota de los Evangelistas	52 24	75 6	55	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1422	Puerto de Punta Arenas	53 10	70 54	4	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1423	Punta Dungeness	52 24	68 25	5	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1425	Cape Pembroke	51 41	57 42	15	1000·9	1002·7	+1·3	281·5	286·9	12th	276·1	271·3	28th	278·8	−0·3	279·1	..	..
1426	Stanley, Falkland Is.	51 41	57 51	4	..	..	..	..	..	..	..	..	..	..	..	..	11	− 50
1429	S. Georgia (Cumberland Bay)	54 14 S.	36 34 W.	3	994·6	995·0	−1·0	278·2	286·6	7th	273·0	268·6	30th	275·6	−0·3	*275·2*	187	+ 59

APRIL—ZONE 15. Between Latitude 60° S. and 70° S.

1527 1528	South Orkneys	60 44 S.	44 39 W.	6·9 metres.	990·2 mb.	991·1 mb.	+0·1 mb.	273·1 a.	280·2 a.	6th	269·2 a.	260·5 a.	27th	271·2 a.	+1·2 a.	271·0 a.	65 mm.	+ 9 mm.

* Mean of max. and min. or of observations at fixed hours. † Computed means for the 24 hours are in *italics*.

DAILY OBSERVATIONS OF WIND WITHIN THE TROPICS.—APRIL 1910.

Date	St. Helena.* 1035. Direction.	St. Helena.* 1035. Mean Velocity for the Day.	Fanning Island. 805. Direction and Force.		Sierra Leone. 834. Direction and Force.		Malden Island. 905. Direction and Force.		Tulagi. 969. Direction and Force.	Ocean Island. 970. Direction and Force.		Suva, Fiji. 1072. Direction.	Suva, Fiji. 1072. Mean Velocity, 24 hrs. ending 9 a.m.
	9 a.m.	m/s.	9 a.m.	9 p.m.	9 a.m.	5 p.m.	9 a.m.	8 p.m.	9 a.m.	9 a.m.	9 p.m.	9 a.m.	m/s.
1	SSE	5·3	E 4	E 4	SW 2	W 2	E 2	E 1	SE 3	E 3	E 3	..	1·8
2	SSE	5·0	E 4	E 4	S 2	W 2	NE 1	NE 2	SE 2	E 3	E 3	..	3·0
3	SSE	4·6	SE 4	E 4	Calm 0	W 2	E 1	E 1	SE 3	E 3	E 3	..	2·4
4	SSE	3·8	SE 4	SE 4	N 1	SW 2	SE 1	E 3	SE 2	E 4	E 4	..	2·2
5	S by E	5·1	E 4	E 4	NW 2	W 1	E 2	E 3	SE 1	NE 7	E 3	..	2·7
6	SE by E	7·0	E 4	E 4	Calm 0	W 2	NE 2	E 2	SE 2	E 3	E 3	..	2·3
7	SE	8·6	SE 4	E 4	Calm 0	W 1	SE 5	E 1	SE 3	E 3	E 2	..	2·3
8	SE by E	6·7	SE 4	SE 4	E 2	W 2	E 2	SE 1	SE 6	E 3	E 3	..	2·4
9	SE by S	5·0	E 2	SE 4	W 2	NW 2	E 2	E 2	SE 5	E 4	E 4	..	1·9
10	SSE	3·1	E 4	E 4	NW 2	W 2	E 3	E 1	SE 2	E 4	E 4	..	0·4
11	SSE	4·0	SE 4	SE 4	N 2	NW 2	NE 4	E 1	SE 2	E 4	E 4	..	1·5
12	S by E	2·4	SE 4	SE 4	N 1	NW 2	E 4	SE 1	Calm 0	E 4	E 4	..	0·7
13	SE	5·3	SE 4	SE 4	N 2	W 2	SE 3	Calm 0	SE 2	E 3	E 3	..	0·9
14	SE by S	5·5	SE 4	SE 2	N 1	W 2	Calm 0	Calm 0	NW 3	E 2	E 4	..	1·2
15	SE by S	5·5	SE 4	SE 2	N 1	W 3	E 1	E 1	SE 1	E 3	E 3	..	0·7
16	SE by S	5·6	E 2	NE 4	E 2	NW 2	NE 1	NE 2	SE 2	E 4	E 3	..	0·4
17	SE by E	4·4	NE 4	NE 4	W 2	W 3	NE 1	NE 1	SE 2	E 3	E 3	..	0·2
18	SE by E	5·1	SE 4	SE 4	N 1	W 2	NE 2	NE 2	SE 3	E 3	E 3	..	0·1
19	SE	5·0	SE 4	SE 4	NW 2	W 3	NE 3	E 3	SE 3	E 3	E 1	..	0·1
20	SE by E	4·5	E 4	SE 2	N 2	NW 2	E 4	E 3	Calm 0	E 3	E 2	..	2·0
21	SE	4·7	NE 5	SE 4	E 2	W 2	E 4	E 3	SE 1	E 4	E 3	..	1·1
22	SE by E	3·2	E 4	E 2	W 2	W 2	NE 3	E 2	SE 1	E 3	E 4	..	3·6
23	SE	3·5	E 4	E 4	N 1	W 2	E 1	E 2	Calm 0	NE 1	E 4	..	2·7
24	SE	6·7	E 4	E 4	N 2	W 3	NE 2	NE 2	SE 1	NE 1	E 3	..	1·8
25	SE by S	7·7	E 4	E 4	N 2	NW 2	E 1	E 1	NW 1	E 1	E 3	..	1·8
26	SE	7·3	NE 6	NE 6	NW 2	N 2	E 2	SE 1	NW 1	E 3	E 1	..	1·5
27	SE	6·0	E 4	E 2	W 3	W 2	NE 2	E 2	Calm 0	E 1	E 3	..	2·0
28	SE by S	5·5	NE 4	NE 2	Calm 0	NW 2	SE 1	E 1	SE 1	E 3	E 3	..	3·4
29	SE by S	4·8	SE 4	SE 4	W 3	NW 3	E 1	E 2	Calm 0	E 4	E 1	..	4·9
30	SSE	5·8	E 4	SE 4	W 3	W 3	E 3	E 2	SE 4	E 3	E 2	..	5·8
Mean for Month	..	5·2	4·0	3·6	1·6	2·1	2·1	1·6	1·9	3·0	3·0	..	1·9
Deviation from Normal	..	−1·5	..	..	..	..	−0·5	..	..	+1·0		..	..

* Direction and velocity of the South-East Trade Wind at 620 metres.

STATE OF ICE IN THE ARCTIC SEAS AND IN THE NORTH ATLANTIC.—APRIL 1910.

**Barents Sea.*—"Young ice lay off entrance to White Sea to 41° W. Firm edge of ice lay on 42° E., turning eastward in 70° N. Polar ice very compact. Area ice-covered 1,085,000 sq. km. (normal 1,190,000)."

**Novaja Zemyla.*—"W. coast N. of Matotchkin Strait was ice-free.

**Spitsbergen.*—"In Bell Sound ice lay close inshore; further out the sound was free for a few days, otherwise there was pack."

**Greenland Sea, Iceland, and Denmark Strait.*—"Up to 17th scattered ice lay near Cape North, otherwise Iceland was ice-free. At Angmagsalik the Storis lay close inshore, but towards the end it commenced to split. Area occupied 1,106,000 sq. km. (normal 1,128,000)."

North Atlantic and Labrador.—"Some field ice and small to moderate bergs were seen, mostly near Grand Banks, and well within the average limits. Montreal was open for navigation on April 4th and Quebec on 10th. In St Lawrence Bay there was ice only at Point Amour."

**Davis Strait and Baffin Bay.*—"On 7th the Storis reached Kagsimiut, where it remained. Cape Farewell was free at beginning of April, but by middle ice extended as far SE. as 59° N. 42° W., with icebergs as far E. as 33° W. During second half of April scattered Storis lay between Arsuk and Nanortalik, but N. of Arsuk coast was almost free."

**Bering Sea.*—"From Nome the first ice-free water was observed in Bering Strait.

* *Isforholdene i de arktiske Have, 1910*, issued by the Danish Meteorological Institute.

RÉSEAU MONDIAL, MAY 1910

TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE FOR THE MONTH OF MAY 1910 BY MEANS OF STATIONS SELECTED AT THE RATE OF TWO FOR EACH TEN-DEGREE SQUARE.

Between Latitude 80° N. and 70° N. MAY—ZONE 1.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure: Mean at Level of Station.	Pressure: Mean at M.S.L.	Pressure: Diff. from Normal.	Temperature: Mean Max.	Temperature: Absolute Max.	Temperature: Date.	Temperature: Mean Min.	Temperature: Absolute Min.	Temperature: Date.	Temperature: *Mean.	Temperature: Diff. from Normal.	Temperature: †24 hr. Mean.	Precipitation: Total.	Precipitation: Diff. from Normal.
		° ′ N.	° ′ W.	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.
123	North Star Bay	76 30	68 55	6·5	..	..	..	..	..	..	..	..	..	..	..	..	..	..
124																		
125 126	Upernivik	72 47	W56 7	18·9	1014·8	1017·2	+0·8	274·4	280·7	16th	265·7	255·2	4th	270·1	+0·9	*269·6*	7	− 7
139	Spitsbergen	78 2	E 14 14	11·4	..	..	..	..	..	..	..	..	..	..	..	..	..	..
140																		
141	Gjesvaer	71 6	25 22	6·5	1014·8	1015·6	+1·7	..	284·5	10th	..	264·8	16th	..	+1·0	*276·7*	52	+16
142	Mehavn	71 1	27 47	6·4	1014·8	1015·6	..	..	283·1	7th	..	269·7	15th	..	..	*276·6*	52	+14
143	Vardö	70 22	31 8	10·0	1014·3	1015·5	+0·7	..	282·0	10th	..	269·6	24th	..	+1·5	*275·9*	46	+12
144																		
147																		
148		N.	E.															

Between Latitude 70° N. and 60° N. MAY—ZONE 2.

203	Nome	64 30	165 24	6·7	..	1009·8	..	276·2	284·7	24th, 25th	270·1	259·1	2nd	273·2	..	..	26	..
204																		
205	Tanana	65 12	152 0	? 73·8	..	?1011·5	..	285·6	296·9	29th	273·3	268·0	9th	279·4	..	..	8	..
206																		
207	Valdez	61 6	146 13	8·2	..	1016·6	..	286·8	298·6	27th	274·1	268·6	10th	280·4	..	..	113	..
208	Eagle	64 46	141 12	248	..	1009·8	..	289·6	298·6	29th	270·2	264·7	9th	279·9	..	..	7	−11
209	Dawson	64 4	139 20	321	974·6	1013·2	+2·9	288·4	296·9	30th	272·7	267·4	8th	280·6	−1·0	..	5	..
210	Carcross	60 11	134 34	662	..	..	..	284·2	295·2	25th	272·6	266·3	9th	278·4	..	..	7	..
211																		
212	Fort Simpson	61 52	121 35	129	998·7	..	..	..	..	..	272·8	266·9	1st	280·1	..	..	11	..
213	Hay River	60 51	115 20	161	995·4	..	..	281·4	296·3	6th	270·4	259·7	1st	275·9	−2·2	..	1	..
225	Jacobshavn	69 13	51 2	12·6	1013·1	1014·7	−0·1	276·6	285·2	22nd	269·2	255·8	2nd	272·9	+0·7	*272·8*	10	− 3
226	Godthaab	64 11	51 44	9	1010·4	1011·6	−0·7	..	..	..	271·2	263·6	1st	..	−0·8	*273·3*	..	..
229	Angmagsalik	65 37	37 34	31·7	1010·3	1014·3	+2·3	280·1	284·6	29th	269·3	258·6	3rd	274·7	−0·3	..	45	−33
230																		
231	Stykkisholm	66 5	22 46	11·3	1008·7	1010·2	−4·0	279·7	285·7	24th	274·5	268·5	6th	277·1	−0·2	*277·2*	50	+15
232	Vestmanno	63 26	20 15	7·7	1009·4	1010·3	−3·5	281·6	287·0	31st	276·9	269·5	6th	279·3	−0·8	*278·8*	112	+50
233	Grimsey (Akureyri)	66 33	17 58	6·8	1010·3	1011·2	−4·0	..	?286·1	25th	272·0	265·5	8th	..	−0·0	*274·7*	3	−18
234	Berufjord	64 40	14 19	18·0	1007·6	1009·8	−5·0	281·4	288·2	25th	274·7	268·8	9th	278·1	+0·8	*277·8*	46	−21
235	Thorshavn	62 3	W 6 45	25·7	1008·0	1011·1	−3·5	283·0	286·1	15th, 23rd	278·1	272·8	8th	280·6	+0·6	..	72	−19
236																		
237	Bergen (Met. Obs.)	60 24	E 5 19	44·4	1007·2	1012·6	−1·1	..	299·0	15th	280·3	274·0	6th	..	+1·6	*283·9*	137	+21
238	Christiansund	63 7	7 45	17·8	1011·0	1013·1	−0·6	..	292·2	13th	279·4	275·5	1st	..	+1·7	*282·5*	71	+ 9
239	Trondhjem	63 26	10 25	39·5	1009·1	1013·9	+0·4	..	297·8	13th	278·5	273·3	28th	..	+2·4	*283·1*	24	−27
240	Bodö	67 17	14 24	20·5	1013·5	1016·c	+2·7	..	287·4	13th	277·0	273·1	17th	..	+1·1	*279·9*	24	−33
241	Haparanda	65 50	24 9	9·2	1015·2	1016·3	+2·4	282·9	289·0	6th	273·4	269·0	2nd	278·2	+1·5	*278·5*	21	− 8
242	Helsingfors	60 10	24 57	11·7	..	1015·6	+1·9	287·7	296·1	11th	279·6	275·7	18th	283·6	+3·1	283·8	58	+14
242a	Kuopio	62 54	27 40	99·7	..	1017·5	+2·4	287·7	298·0	14th	276·0	269·9	27th	281·9	+1·8	*282·1*	8	..
243	Kola	68 53	33 1	6·7	..	1016·7	+2·5	..	289·4	10th	..	270·7	16th	..	+0·6	*277·1*	18	+ 3
244	Petrozavodsk	61 47	34 23	38·9	..	1017·8	+3·3	..	294	..	..	272	..	..	+1·3	*281·2*	..	..
245	Arkhangelsk	64 33	40 32	6·7	..	1014·8	+1·0	..	294	..	..	271	..	..	+1·4	*279·4*	44	+19
246	Velsk	61 5	42 7	? 83	..	..	..	..	..	..	..	..	..	..	..	..	..	..
247	Ounst-Tsylma	65 27	52 10	? 25	..	1013·5	+0·8	..	290	..	..	269	..	..	+2·0	*278·1*	..	..
248	Troitsko-Petcherskoe	62 42	56 13	? 123	..	..	..	..	..	..	..	..	..	..	..	..	..	..
249	Berezov	63 56	65 4	39·9	..	..	..	..	..	..	..	..	..	..	..	..	..	..
250	Obdorsk	66 31	66 35	23·7	..	..	..	..	..	..	..	..	..	..	..	..	..	..
251	Sourgout	61 15	73 24	? 40	..	..	..	..	..	..	..	..	..	..	..	..	..	..
252																		
253	Touroukhansk	65 55	87 38	? 40	..	..	..	..	..	..	..	..	..	..	..	..	..	..
254	Doudinka	69 7	87 0	? 20	..	..	..	..	..	..	..	..	..	..	..	..	..	..
261	Olekminsk	60 22	120 26	? 135	..	..	..	..	..	..	..	..	..	..	..	..	..	..
262	Iakoutsk	62 1	129 43	? 108	..	..	..	..	..	..	..	..	..	..	..	..	..	..
263	Verkholansk	67 33	133 24	? 100	..	..	..	..	..	..	..	..	..	..	..	..	..	..
264	Oust-Maïskoe	60 25	134 29	? 100	..	..	..	..	..	..	..	..	..	..	..	..	..	..
271	Markovo sur Anadyr	64 45	170 50	? 20	..	..	..	..	..	..	..	..	..	..	..	..	..	..
272	Novo-Mariinskii Post	64 45 N.	177 33 E.	5·2	..	..	..	..	..	..	..	..	..	..	..	..	..	..
		° ′	° ′	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.

* Mean of max. and min. or of observations at fixed hours. † Computed means for the 24 hours are in *italics*.

MAY—ZONE 3.

Table representing the Meteorology of the Globe between Latitude 60° N. and 50° N.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure. Mean at Level of Station.	Pressure. Mean at M.S.L.	Pressure. Diff. from Normal.	Temperature. Mean Max.	Temperature. Absolute Max.	Temperature. Date.	Temperature. Mean Min.	Temperature. Absolute Min.	Temperature. Date.	Temperature. *Mean.	Temperature. Diff. from Normal.	Temperature. †24 hr. Mean.	Precipitation. Total.	Precipitation. Diff. from Normal.
		° ′ N.	° ′ W.	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.
301																		
302																		
303	Dutch Harbour	53 54	166 32	4·0	..	1002·7	..	282·1	286·3	27th	275·3	270·8	1st	278·7	..	..	158	..
304																		
305																		
306																		
307																		
308																		
309	Sitka	57 4	135 20	27	..	1018·3	+6·1	285·5	291·9	10th	277·1	273·0	9th, 10th	281·3	+0·1	..	87	−17
310	Prince Rupert	54 18	130 18	52	..	..	..	..	..	..	..	..	..	..	..	..	..	..
311	Barkerville	53 2	121 35	1274	..	1017·9	..	285·8	296·9	24th	273·3	268·6	1st, 8th	279·6	−0·1	*279·7*	64	+ 1
312	Kamloops	50 41	120 29	380	..	1014·2	+0·7	297·7	307·4	22nd	281·4	274·4	4th	289·6	+2·0	*289·6*	16	+16
313	Calgary	51 2	114 2	1033	..	1015·0	+3·2	291·1	299·7	24th, 25th	275·4	265·2	1st	283·2	+0·9	*283·5*	27	−36
314	Fort Chipewyan	58 42	111 10	218	990·3	1017·0	..	284·3	294·1	24th	272·3	256·9	1st	278·3	..	*279·2*	30	..
315	Prince Albert	51 10	106 0	437	..	1015·6	+3·4	289·6	299·3	26th	273·9	266·3	2nd	281·8	−0·7	*282·3*	18	−42
316	Qu'Appelle	50 30	103 47	645	..	1015·9	+3·1	287·4	300·2	7th	273·9	263·6	2nd	280·7	−2·6	*280·9*	111	+55
317	Minnedosa	50 15	99 50	515	..	1016·9	..	289·6	300·5	27th	272·7	263·6	12th	281·2	−1·6	*281·1*	27	−20
318	Berens River	52 18	97 23	216	..	..	..	283·4	291·9	27th	274·1	265·8	2nd	278·8	..	*278·6*	50	..
318a	York Factory	57 0	92 28	11	1016·2	1017·5	0·0	..	288·0	27th	268·6	255·0	2nd	..	..	*274·7*	..	..
319	Fort Hope	51 32	87 48	? 270	984·0	1017·2	..	282·7	296·9	27th	271·6	260·8	4th	277·1	−2·7	..	45	+21
320	Moose Factory	51 16	80 56	9	1003·1	1014·2	..	284·7	296·9	28th	272·3	263·6	2nd	278·5	+0·2	..	112	+51
321																		
322																		
323	Hebron	58 12	62 21	15·0	1010·6	1012·5	−0·5	277·8	287·8	..	270·7	255·4	..	274·3	+1·4	..	..	..
324	Nain	56 33	61 41	4·2	1013·7	1014·2	+1·1	279·5	289·8	..	270·7	261·4	..	275·1	+0·8	..	..	..
325					..													
326	Point Riche	50 42	57 25	10·7	..	..	..	..	289·7	29th	..	269·1	1st, 5th	278·3	+1·6	..	115	+50
327																		
328																		
329																		
330																		
331																		
332																		
333																		
334	Valencia	51 56	10 15	13·7	1013·8	1015·4	−0·6	287·2	294·1	17th	281·4	276·3	8th	284·3	0·0	284·2	72	− 3
335	Aberdeen	57 10	2 6	27·4	1009·2	1012·5	−2·8	285·2	293·0	26th	279·1	274·1	9th	282·2	+0·2	282·0	60	+ 6
336	Greenwich	51 28	W 0 0	48	1006·5	1012·3	−3·1	290·4	298·6	28th	280·3	271·9	10th	285·4	+0·3	284·7	57	+ 8
337	Uccle	50 48	E 4 22	100	999·5	1011·6	−3·7	290·9	300·4	20th	280·8	274·2	5th	285·9	+0·1	285·4	99	+37
338	De Bilt	52 6	5 11	3·0	1011·4	1011·8	−4·4	290·9	302·8	21st	280·8	272·0	4th	285·9	+1	285·7	45	− 7
338a	Hamburg	53 33	9 59	26·0	1009·0	1012·1	−2·8	290·2	298·1	12th	282·3	275·4	1st	286·3	+1·3	286·2	64	+13
339	Copenhagen	55 41	12 36	5·0	1012·6	1013·2	−1·6	287·6	295·2	24th	281·2	275·7	10th	284·4	+1·1	*284·6*	56	+17
340	Potsdam	52 23	13 4	84·9	1001·5	1011·7	−3·2	292·6	300·6	16th	281·2	274·1	4th	286·9	+0·5	286·4	63	+ 3
340a	Upsala	59 51	17 38	24·0	1012·0	1014·9	+1·4	289·1	298·1	14th	276·5	269·9	2nd	282·8	+1·8	283·3	74	+30
341	Warsaw	52 15	21 1	127	997·4	1012·6	−1·8	293·6	300·6	16th	284·0	279·5	22nd	288·8	+1·4	*288·6*	46	− 2
342	Jurjev	58 23	26 43	74·5	1006·3	1015·3	+1·3	291·1	301·5	11th	279·9	274·9	21st	285·5	+1·7	285·2	56	+ 6
343	Petrograd	59 56	30 16	4·8	..	1016·0	+1·7	..	300	..	..	273	..	..	+2·3	*284·0*	30	−13
344	Kiev	50 27	30 30	183·1	992·1	1013·7	−0·8	295·9	301·8	18th	283·7	276·3	23rd	289·8	+2·9	289·6	23	−23
344a	Moscow	55 45	37 34	156	996·6	1015·3	+0·3	292·9	299·1	12th	280·0	272·4	26th	286·5	+0·6	286·5	45	− 3
345	Saratov	51 32	46 3	59·9	..	1013·9	−1·3	..	301	..	..	279	..	..	+2·4	*290·7*	53	+25
346	Kazan	55 47	49 8	79·8	1005·5	1015·1	−0·3	..	299·1	8th	..	271·9	25th	..	+1·5	*286·4*	10	−28
347	Orenburg	51 45	55 6	114·1	..	1014·2	−3·0	..	300	..	..	276	..	..	+2·1	*289·2*	57	+21
348	Perm	58 1	56 15	163·0	..	1015·0	0·0	..	298	..	..	271	..	..	+0·2	*283·0*	51	+ 1
349	Ekaterinburg	56 50	60 38	288·9	..	1015·0	−0·7	..	295	..	..	270	..	..	+0·2	*282·7*	26	−15
350	Tobolsk	58 12	68 14	108·3	..	..	..	..	..	..	..	..	..	..	..	..	..	..
351	Akmolinsk	51 12	71 23	? 347	..	..	..	..	..	..	..	..	..	..	..	..	..	..
352	Omsk	54 58	73 23	90	..	1015·6	+0·2	..	299·6	21st	..	277·0	12th, 15th	..	+0·2	*284·6*	49	+19
353	Barnaoul	53 20	83 47	162·2	..	1016·0	+0·1	..	303·2	22nd, 23rd	..	274·8	5th.	..	+2·5	*286·1*	5	−26
354	Tomsk	56 30	84 58	121·6	..	1016·0	+1·2	..	296·7	18th	..	272·9	3rd	..	+1·3	*281·9*	44	+ 5
355	Minousinsk	53 43	91 41	? 245	..	..	..	..	..	..	..	..	..	..	..	..	..	..
356	Eniseisk	58 27	92 11	84·4	..	..	..	..	..	..	..	..	..	..	..	..	..	..
357	Irkutsk	52 16	104 19	467·0	..	1016·5	+2·2	..	300·6	23rd	..	270·0	9th	..	−0·3	*281·9*	51	+ 8
358	Kirensk	57 47	108 7	? 263	..	..	..	..	..	..	..	..	..	..	..	..	..	..
359	Tchita	52 2	113 30	663·7	..	1016·0	..	..	299·8	24th	..	269·3	1st	281·4	..	..	8	..
360	Blagoveshchensk Priisk	58 10	114 17	? 490	..	..	..	..	..	..	..	..	..	..	..	..	..	..
360a	Nertchinsk	51 59	116 35	484·3	..	1012·3	+2·5	..	297·3	24th	..	268·4	2nd	..	+1·5	*281·5*	123	+95
361	Tygan Ourkan	54 5	124 46	? 370	..	..	..	..	297·2	21st	271·2	257·0	1st	..	..	*280·6*	45	..
362	Blagoveshchensk	50 15	127 38	133·6	..	..	..	..	..	..	..	..	..	..	..	..	..	..
363	Paikanskii Sklad	50 11	130 7	? 168	..	..	..	..	296·8	15th	274·9	265·2	2nd, 3rd	..	..	*282·4*	..	..
364																		
365	Nikolaevsk-sur-Amour	53 8	140 45	21·2	..	..	..	..	291·5	22nd	..	270·6	1st	..	+1·3	*278·1*	0	−34
366	Okhotsk	59 21	143 17	6·0	..	..	..	..	..	..	..	..	..	..	..	..	..	..
367																		
368	Petropavlovsk Phare	52 53 N.	158 47 E.	87·1	..	..	..	..	..	..	..	..	..	..	..	..	..	..
369																		
370																		
371																		
372		° ′	° ′	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.

* Mean of max. and min. or of observations at fixed hours.

† Computed means for the 24 hours are in *italics*.

Table representing the Meteorology of the Globe between Latitude 50° N. and 40° N.

MAY—ZONE 4.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure. Mean at Level of Station.	Pressure. Mean at M.S.L.	Pressure. Diff. from Normal.	Temperature. Mean Max.	Temperature. Absolute Max.	Temperature. Date.	Temperature. Mean Min.	Temperature. Absolu Min.	Temperature. Date.	Temperature. *Mean.	Temperature. Diff. from Normal.	Temperature. †24 hr. Mean.	Precipitation. Total.	Precipitation. Diff. from Normal.
		° ′ N.	° ′ W.	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.
411	Victoria, B.C.	48 24	123 19	25·9	1016·0	1019·1	+3·2	291·0	296·6	21st	280·3	276·7	1st	285·7	+0·8	285·6	20	−15
412	Portland, Oregon	45 32	122 41	46·6	1013·9	1019·3	+2·4	293·9	303·0	31st	283·2	279·7	15th	288·6	+1·8	*288·3*	46	−15
413	Macleod	49 44	113 24	954	..	..	..	291·4	299·7	7th	277·5	268·6	1st	284·5	+0·9	*284·7*	25	−20
414	Helena	46 34	112 4	1253	874·6	1015·9	+2·4	292·7	300·8	30th	278·8	271·3	2nd	285·8	+2·1	*286·0*	36	−13
414a	Salt Lake City	40 46	111 54	1329	867·5	1013·9	+2·7	294·9	305·8	31st	282·3	274·1	15th	288·6	+1·0	*289·0*	12	−38
415	Cheyenne	41 8	104 48	1856	814·0	1015·2	+4·4	289·3	299·1	31st	276·3	269·1	2nd	282·8	−0·8	*283·0*	59	− 3
416	North Platte	41 8	100 45	859	918·2	1017·3	+5·4	292·4	303·6	31st	278·8	270·8	3rd	285·6	−2·4	*285·7*	66	−12
416a	Bismarck	46 47	100 38	510·6	957·2	1017·9	+4·7	291·8	301·9	18th	276·7	268·0	12th	284·3	−1·6	*284·5*	18	−45
417	Winnipeg	49 53	97 7	231·6	..	1017·6	+3·1	289·9	302·3	27th	274·9	265·9	12th	282·4	−1·2	281·2	42	− 9
418	Duluth	46 47	92 6	345·1	975·5	1017·3	+2·7	286·4	296·3	27th	276·0	270·8	3rd	281·2	−1·0	*281·2*	30	−57
419	Port Arthur	48 27	89 12	196·3	..	1016·2	−1·0	286·2	295·8	8th	274·2	268·0	3rd	280·2	−0·5	*280·0*	19	−36
420	Chicago	41 53	87 37	250·8	986·7	1016·9	+2·4	288·6	298·6	22nd	281·2	276·3	3rd	284·9	−1·7	*284·8*	119	+33
421	Toronto	43 40	79 24	106·7	1002·1	1015·1	+0·5	289·2	299·4	28th	279·5	273·1	15th	284·4	−0·6	283·9	69	− 3
422	New York	40 43	74 0	95·7	1003·2	1014·5	−1·0	292·8	300·2	24th	284·6	279·7	5th	288·7	+0·5	289·2	42	−39
423	St. John, N.B.	45 17	66 4	21·3	..	1014·2	+0·3	286·3	294·1	28th	278·7	271·6	6th	282·5	+0·3	*282·1*	89	−11
424	S. W. Point, Anticosti	49 24	63 35	9·1	1013·2	1014·3	+0·6	285·6	292·7	..	270·7	265·8	..	278·2	+1·3	..	36	−15
425	Sable Island (Main Station)	43 57	60 6	7·6	1014·9	1015·8	..	283·4	288·0	..	278·4	275·2	..	280·9	+1·1	..	126	+32
426	St. Johns, Newfoundland	47 34	52 42	38·1	..	1015·2	+0·2	285·9	296·9	25th, 27th	277·3	271·9	1st, 2nd	281·6	+2·7	..	57	−24
435	Madrid	40 24	3 41	655·4	937·4	1012·9	−1·7	294·4	300·9	7th	278·5	272·2	12th	286·5	−3·0	286·3	50	+ 6
436	Nantes	47 15	W 1 34	41·4	1008·2	1013·2	−2·8	290·2	296·2	23rd	280·7	274·6	10th, 11th	285·5	−1·4	*285·4*	55	− 1
437	Paris (Parc St. Maur)	48 49	E 2 29	50·3	1005·8	1011·9	−3·5	290·9	298·2	16th	281·1	273·7	5th	286·0	−0·4	285·6	82	+37
438	Marseilles	43 18	5 23	75	1001·0	1010·0	−3·4	292·6	299·5	19th	282·9	276·0	12th	287·8	−1·5	*287·6*	44	+ 4
438a	Zürich	47 23	8 33	493·2	954·0	1011·9	−3·7	290·9	302·3	20th	279·6	272·7	12th	285·3	−1·3	284·6	168	+54
439	Rome	41 54	12 29	63·4	..	1009·4	−4·9	294·7	301	19th	285·1	280	4th	289·9	−0·8	*289·9*	106	+48
440	Vienna	48 15	16 22	202·5	986·3	1010·4	−3·6	290·5	297·1	19th	282·7	275·5	3rd	286·6	−0·6	286·5	161	+89
440a	Buda-Pesth	47 30	19 2	129·6	994·2	1009·6	−4·7	294·0	301·7	19th	283·8	279·2	7th	288·9	+1·0	*289·0*	82	+ 8
441	Bucharest	44 25	26 6	82	1000·7	1010·5	−2·3	295·6	302·0	18th	283·4	278·5	24th	289·5	−0·5	*289·0*	29	−34
442																		
443	Odessa (University)	46 29	30 46	65·3	1004·5	1012·3	−2·4	293·2	299·0	9th	285·4	280·6	23rd, 24th	289·3	+0·6	*288·7*	35	+ 1
444	Kharkov (University)	50 0	36 14	140	..	1014·3	−0·4	..	300	..	..	275	..	289·4	+1·1	*289·1*	68	+23
444a	Novorossiisk	44 40	37 49	37	..	1011·8	−3·6	..	298	..	..	282	..	289·8	−0·1	*289·5*	61	+16
445	Tiflis	41 43	44 48	409	..	1012·8	−2·3	..	299	..	..	281	..	290·5	−0·4	*290·3*	131	+55
446	Astrakhan	46 21	48 2	−14	..	1013·6	−1·9	..	302	..	..	281	..	292·4	+1·0	*292·2*	6	−11
447	Fort Alexandrovsk	44 31	50 16	24	..	..	..	..	..	..	..	..	..	..	..	..	..	..
448	Krasnovodsk	40 0	52 59	−15	..	1011·4	−3·7	..	306	..	..	283	..	295·6	+1·6	*295·4*	..	..
449	Tachkent	41 20	69 18	478·3	..	1012·4	−0·4	..	309·4	28th	..	285·4	15th	..	+1·1	*294·7*	23	− 1
450	Irgiz	48 37	61 16	112	..	..	..	..	..	..	..	..	..	..	..	..	..	..
451	Narynskoe	41 26	76 2	?2015	..	..	..	..	..	..	..	..	..	..	..	..	..	..
452	Vernyi	43 16	76 53	824·8	..	..	..	..	..	..	..	..	..	..	..	..	..	..
461	Mukden	41 48	123 23	43·8	1005·3	1010·5	+1·4	296·9	304·6	26th	281·1	271·0	2nd	289·0	+0·4	289·2	24	−27
462	Joshin	40 40	129 11	4·0	1011·4	1011·9	+2·3	288·3	298·6	30th	279·9	274·0	3rd	284·1	−1·2	283·5	33	−26
463	Vladivostok	43 7	131 54	15·7	..	1011·7	−0·2	..	293·6	21st	..	276·0	3rd	..	+0·1	*282·3*	3	−30
464																		
465	Ochiai (Galkino-Vrasskoe)	47 20	142 44	15·0	1010·0	1011·8	..	285·9	296·4	23rd	274·4	267·7	5th	280·2	..	279·6	66	..
466	Nemuro	43 20 N.	145 35 E.	26·7	1009·0	1012·3	+0·8	284·7	291·0	26th	276·4	272·3	2nd	280·6	+0·8	279·8	59	−32

Between Latitude 40° N. and 30° N.

MAY—ZONE 5 (Western Half).

511	San Francisco	37 48	122 26	47·2	1011·7	1017·3	+1·7	291·8	305·2	30th	283·8	281·9	4th	287·8	+1·8	*287·3*	1	−18
512	San Luis Obispo	35 18	120 39	61·3	1009·8	1017·3	+1·4	295·7	309·1	28th	282·0	275·8	5th	288·8	+2·1	*288·5*	0	− 8
513	Modena	37 48	113 54	1670	833·6	1012·5	+2·7	296·7	306·3	30th	277·4	268·0	5th	287·1	+1·6	*287·3*	4	−19
514	San Diego	32 43	117 10	26·5	1012·0	1015·2	+1·0	291·9	296·9	9th	286·4	280·8	5th	289·2	+0·2	*289·1*	1	− 8
515	Santa Fé	35 41	105 57	2138	787·9	1010·5	+1·0	293·8	301·9	28th	279·0	274·1	7th	286·4	−0·3	*286·5*	8	−20
516	Denver	39 45	105 0	1613	838·4	1015·6	+5·1	292·3	302·4	31st	279·0	271·3	2nd	285·7	−1·1	*285·8*	64	0
517	Abilene	32 23	99 40	529·6	953·4	1013·5	+2·0	301·4	309·1	11th	288·3	280·2	3rd	294·9	−0·3	*294·8*	54	−41
518	Saint Louis	38 38	90 12	172·8	995·5	1015·9	+1·7	293·7	302·4	20th	284·4	276·9	4th	289·1	−3·2	*289·0*	133	+26
519	Mobile	30 41	88 2	17·4	1015·1	1017·3	+1·7	300·1	305·8	30th	290·8	286·3	14th	295·5	−0·7	*295·2*	58	−44
520	Nashville	36 10	86 47	166·4	997·8	1017·6	+2·4	296·3	303·0	11th	286·1	278·6	15th	291·2	−2·2	*291·2*	148	+60
521	Charleston	32 47	79 56	14·6	1015·8	1017·6	+1·4	299·2	306·3	30th	291·6	285·2	15th	295·4	−0·1	*295·1*	26	−62
522	Washington	38 54	77 3	34·1	1011·8	1015·9	0·0	294·9	303·6	24th	283·8	276·9	7th	289·4	−1·6	*289·3*	87	−10
523																		
524	Bermuda	32 17	64 30	46·0	..	1021·3	+2·4	295·2	297·9	27th	289·9	286·0	9th	292·6	−0·9	..	135	+23
531	Horta	38 32	28 38	30	..	1026·6	+6·0	292·7	295	15, 18, 20	288·5	286	3rd	290·6	+0·7	..	7	−52
532	Ponta Delgada	37 45	25 41	17	1024·1	1026·1	+4·9	292·0	293·9	22nd	287·6	285·3	3rd	289·8	+0·2	..	12	−39
533	Madeira (Funchal)	32 38	16 55	25	1016·7	1019·7	+0·9	292·9	294·8	15th	284·1	282·2	10th	288·5	−0·8	*289·9*	4	−18
534	Lisbon	38 43	9 9	95	1002·8	1014·2	−1·6	292·5	297·4	5th	285·0	282·5	14th	288·7	−1·1	*288·3*	50	− 1
535	Casablanca	33 37	7 35	? 17	1013·2	1015·2	..	293·0	294·2	..	287·5	284·4	..	290·3	−1·0	*290·4*	60	+26
536	Gibraltar	36 6	5 21	16·2	1009·7	1011·6	−3·5	295·6	299·7	7th	..	..	..	..	−0·2	*290·7*	120	+71
		° ′ N.	° ′ W.	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm

* Mean of max. and min. or of observations at fixed hours.

† Computed means for the 24 hours are in *italics*.

MAY—ZONE 5 (Eastern Half). Table representing the Meteorology of the Globe between Latitude 40° N. and 30° N.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure: Mean at Level of Station.	Pressure: Mean at M.S.L.	Pressure: Diff. from Normal.	Temperature: Mean Max.	Temperature: Absolute Max.	Temperature: Date.	Temperature: Mean Min.	Temperature: Absolute Min.	Temperature: Date.	Temperature: *Mean.	Temperature: Diff. from Normal.	Temperature: †24 hr. Mean.	Precipitation: Total.	Precipitation: Diff. from Normal.
		° N. ′	° E. ′	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.
537	Algiers	36 47	3 4	38·5	1007·5	1012·0	−2·8	294·3	300·7	8th	286·5	279·7	2nd	290·4	−1·8	*289·7*	136	+ 97
538	Palma	39 33	2 42	23	1009·1	1011·8	−2·4	293·4	299·2	30th	285·4	279·8	11th	289·4	−1·0	..	78	+ 49
538a	Tunis	36 48	10 10	43	..	1012·4	−3·6	297·2	305	18th	283·9	279	8, 12, 13	290·6	−1·4	..	9	− 18
539	Malta	35 54	14 31	59	..	1012·2	−3·3	292·4	297	27th	287·5	283	12th	290·0	−1·5	..	4	− 7
540	Catania	37 30	15 3	64·9	1002·4	1010·1	−4·5	294·8	298·5	18th	286·6	279·1	5th	290·7	−0·7	..	22	− 1
541	Athens	37 58	23 43	107·1	..	1009·9	−3·9	295·6	300	30th	287·4	283	5th	291·5	−1·6	*291·4*	33	+ 11
542	Alexandria	31 9	29 54	32·0	..	1013·0	−0·8	300·9	311	31st	289·2	287	10th	295·0	+0·2	*294·2*	3	+ 2
543	Cairo (Helwan)	29 52	31 20	115·6	..	1012·0	−0·9	305·7	314	31st	291·1	285	9th	298·4	+0·3	298·5	0	− 1
544	Nicosia	35 12	33 24	152	..	1011·1	−1·2	302·8	305·2	sev. dates	283·7	280·8	12, 13, 14	293·2	−0·6	*292·6*	26	− 4
544a	Beirut	33 54	35 28	52·4	..	1011·6	−0·7	298·3	307	3rd	290·6	287	9th	294·4	0·0	..	13	− 4
545	Baghdad	33 21	44 28	38·7	1005·4	1009·8	+0·3	307·1	312·2	27th	292·8	289·1	6th, 12th	299·9	+0·4	..	5	− 1
546	Lenkoran	38 46	48 52	−19	..	1011·9	−2·7	..	301	..	..	283	..	..	+0·6	*292·2*	20	− 18
547	Busrah	30 31	47 53	7·6	1009·4	1010·1	−0·5	305·0	308·8	25th	297·6	293·1	2nd	301·3	−0·4	..	15	+ 3
548	Meshed	36 16	59 35	946	904·4	1009·7	..	300·3	306·0	29th	282·2	274·6	15th	291·3	−1·1	..	30	− 5
549	Quetta	30 11	67 3	1677	832·0	..	+0·9	302·7	308·9	31st	283·9	279·1	2nd	293·3	+0·4	*293·4*	6	− 4
550																		
551	Lahore	31 34	74 20	214	978·8	1002·5	−0·1	314·1	320·4	25th	297·0	291·4	4th	305·6	+0·8	*305·4*	2	− 15
551a	Simla	31 7	77 8	2205	780·5	..	+0·7	295·8	300·4	26th	287·9	281·3	4th	291·9	+0·1	*292·0*	15	− 55
552	Leh	34 10	77 42	3503	667·6	..	+0·6	292·1	297·8	31st	275·9	270·5	4th	284·0	+0·8	*283·7*	1	− 4
552a	Dehra Dun	30 20	78 0	681	997·1	1003·7	−0·4	309·4	313·3	14th	294·1	287·2	1st	301·8	+0·5	*301·1*	29	− 9
559	Hang Kow	30 35	114 17	37·0	1007·5	1011·8	+0·2	297·9	306·3	29th	289·8	283·0	3rd	293·9	−1·2	*293·5*	109	− 17
560	Tiensin	39 10	117 10	5·0	1010·5	1011·1	+1·1	300·7	308·5	23rd	287·0	278·0	3rd	293·9	+0·5	..	23	− 4
561	Shanghai (Zi-Ka-Wei)	31 12	121 26	7	1011·2	1012·0	+1·7	296·1	305·8	31st	286·0	280·6	21st	291·1	−1·3	290·3	104	+ 13
562	Jinsen (Chemulpo)	37 29	126 32	67·0	1004·8	1012·9	+1·3	292·9	299·8	28th	283·8	280·2	17th	288·4	−0·6	287·5	6	− 71
562a	Nagasaki	32 44	129 52	133·0	996·4	1012·0	0·0	296·2	300·9	9th	287·4	284·0	4th	291·8	+0·4	291·4	92	−114
563	Kioto	35 1	135 46	49·4	1007·3	1013·2	+0·6	296·7	303·5	31st	283·4	274·7	1st	290·1	+0·4	289·9	105	− 44
564	Tokio	35 41	139 45	21·3	1010·5	1013·0	+0·8	294·4	301·2	12th	285·6	278·1	4th	290·0	+0·3	289·8	176	+ 24
565	Miyako	39 38	141 59	30·4	1009·8	1013·4	+1·2	291·5	298·3	10th	280·0	274·2	4th	285·8	−0·3	285·1	114	+102
566		N.	E.															

MAY—ZONE 6. Between Latitude 30° N. and 20° N.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure: Mean at Level of Station.	Pressure: Mean at M.S.L.	Pressure: Diff. from Normal.	Temperature: Mean Max.	Temperature: Absolute Max.	Temperature: Date.	Temperature: Mean Min.	Temperature: Absolute Min.	Temperature: Date.	Temperature: *Mean.	Temperature: Diff. from Normal.	Temperature: †24 hr. Mean.	Precipitation: Total.	Precipitation: Diff. from Normal.
		° N. ′	° W. ′	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.
605	Honolulu	21 19	157 52	11·6	1017·7	1019·0	+0·7	298·6	301·3	..	293·0	291·3	..	295·8	−0·9	..	22	− 30
606																		
615	Zacatecas	22 47	102 33	2610	747·8	..	..	292·9	295·5	18th	283·4	279·8	29th	288·2	..	..	9	..
616	Leon	21 7	101 41	1798·6	822·3	..	+0·7	302·7	304·6	17th	286·6	283·5	25th	294·7	−1·1	..	15	− 33
617	Galveston	29 18	94 50	16·5	1014·3	1016·2	+2·4	298·7	301·3	21st	294·0	289·1	22nd	296·3	−0·8	*296·1*	130	+ 47
618	New Orleans	29 58	90 4	15·6	1015·0	1016·6	+1·7	300·7	305·2	30th	291·8	288·6	8th	296·3	−0·3	*296·1*	118	+ 20
619	Havana	23 8	82 22	24·3	..	1016·6	+2·2	301·1	305·8	23rd	294·9	292·1	6th	298·0	−0·2	*298·0*	89	− 30
620	Key West	24 33	81 48	6·7	1016·0	1016·6	+1·7	301·6	303·6	25th	296·0	293·0	4th	298·8	−0·3	*298·7*	22	− 64
621	Nassau, Bahamas	25 5	77 21	7·6	1017·1	1017·9	+2·6	300·7	303·0	14th, 15th	295·4	292·7	2nd	298·1	−0·1	..	29	−141
622																		
633	Puerto de Orotava	28 25	16 32	? 100	..	..	..	293·3	295·5	..	287·7	285·6	..	290·5	−1·0	..	14	+ 2
634	Las Palmas, Canary Islands	28 7	W15 26	7	1016·8	1017·6	−1·1	295·6	298·6	13th	289·4	287·8	1st	292·5	−0·4	..	1	− 7
637	Insalah	27 17	E 2 27	330	976·4	1013·8	0·0	309·3	314·0	26th	288·3	284·0	12th	298·8	−3·7	*299·0*	4	..
638																		
641	Dakhla Oasis	25 30	29 0	130·0	..	1013·6	−0·3	312·0	317	31st	292·1	287	10th	302·0	+0·3	*303·7*	..	..
642	Wadi Halfa	21 55	31 20	128·3	..	1010·6	−0·3	312·8	317	13th	293·7	289	11th	303·2	−0·5	*304·0*	..	..
643	Suez	29 57	32 32	3·4	..	1012·0	−0·1	305·9	311	2nd	291·6	289	9th, 10th	298·8	+0·8	..	0	− 1
644	Aswan	24 2	32 53	99·6	..	1013·0	+1·7	312·6	317	7th	295·9	291	29th	304·2	+0·2	*305·9*	..	..
647	Bushire	28 59	50 53	4	1008·3	1008·7	+1·6	303·9	310·4	10th	297·2	291·9	4th	300·6	−0·3	..	0	− 1
648	Jask	25 44	57 47	4	1006·2	1006·8	+0·3	305·2	308·2	22nd	298·0	294·8	2, 4, 7	301·6	−1·1	..	0	0
649	Kurrachee	24 53	66 57	4	1006·5	1007·0	+1·7	303·4	304·1	4 days	298·0	296·3	2nd	300·7	−1·2	*300·1*	0	− 5
650	Hyderabad, Sind	25 24	68 18	29	1001·1	1004·2	+0·5	313·7	318·6	22nd	298·1	295·8	2nd	305·9	−0·8	..	0	− 4
651	Jaipur	26 56	75 52	436	957·1	1004·8	+0·4	315·0	318·7	24th	298·9	294·2	4th	306·9	+0·4	*306·5*	2	− 11
652	Nagpur	21 8	79 5	310	971·3	1005·3	+0·9	315·7	318·1	18th	301·1	295·1	1st	308·4	+0·1	*307·8*	33	+ 14
653	Allahabad	25 25	81 51	94	993·2	1003·6	+0·3	314·6	318·1	15th, 16th	299·1	294·4	1st	306·8	−0·2	*306·4*	16	+ 9
654	Calcutta	22 36	88 23	6	1004·2	1004·9	0·0	308·9	311·7	3rd	298·5	294·7	9th	303·7	+0·7	*303·5*	122	− 24
655	Gauhati	26 8	91 41	59	1001·3	1008·1	..	303·6	308·4	30th	294·9	290·3	3rd	299·3	..	..	194	− 46
655a	Cherrapunji	25 15	91 42	1314	865·8	..	..	295·3	299·5	27th	283·2	277·5	3rd, 4th	289·3	..	..	608	−209
656	Shillong	25 33	91 48	1500	847·2	..	..	296·3	298·5	4 days	287·7	285·1	1st, 4th	292·0	..	..	234	+ 1
656a	Akyab	20 11	92 56	6	1006·6	1007·4	−0·2	305·7	307·9	17th, 20th	298·3	295·8	22nd	302·0	−0·2	*302·3*	325	+ 30
657	Phu Lien	20 48	106 37	115·6	994·3	1007·6	−0·4	303·0	306·3	28th	296·5	291·2	21st	299·8	+0·6	298·9	140	− 97
658	Moncay	21 31	107 51	10	1006·6	1007·7	−0·1	304·5	307·6	15th	296·1	292·5	24th	300·3	+0·7	*299·4*	66	−232
659																		
660	Hong Kong	22 18	114 10	33·2	..	1009·1	−0·4	301·9	305·3	13th	296·9	294·3	21st	299·4	+1·2	299·1	50	−263
661	Taihoku, Formosa	25 2	121 31	9·3	1008·6	1009·6	−0·7	301·3	306·0	12th	293·4	287·2	22nd	297·3	−0·2	296·8	70	−143
662	Naha	26 13	127 41	10·5	1008·6	1009·8	−1·4	300·0	303·1	8th	294·2	290·0	20th	297·1	+0·6	296·8	277	+ 29
		N. ° ′	E. ° ′	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.

* Mean of max. and min. or of observations at fixed hours. † Computed means for the 24 hours are in *italics*.

Table representing the Meteorology of the Globe between Latitude 20° N. and 10° N. MAY—ZONE 7.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure: Mean at Level of Station.	Pressure: Mean at M.S.L.	Pressure: Diff. from Normal.	Temperature: Mean Max.	Temperature: Absolute Max.	Temperature: Date.	Temperature: Mean Min.	Temperature: Absolute Min.	Temperature: Date.	Temperature: *Mean.	Temperature: Diff. from Normal.	Temperature: †24 hr. Mean.	Precipitation: Total.	Precipitation: Diff. from Normal.
		° N. ′	° W. ′	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.
715	Zapotlanejo	19 38	103 37	..	..	..	..	..	305·0	..	..	283·0	..	..	..	..	55	..
716	Morelia	19 42	101 7	1951	809·6	..	..	298·8	302·5	17th	285·2	282·1	12th	292·0	..	*291·9*	26	..
717	Salina Cruz	16 12	95 12	56·3	1006·3	1012·8	..	..	307·4	11th	..	294·6	24th	..	..	*300·2*	112	..
718	Mexico	19 26	99 8	2280	780·4	..	+0·9	297·3	303·0	22nd	283·7	281·0	12th	290·5	−1·1	289·7	67	+ 21
718a	Oaxaca	17 4	96 44	1563	846·8	..	..	301·2	306·5	2nd	287·8	284·9	13th	294·5	..	*293·8*	121	..
719	Belize	19 29	88 12	1·9	..	..	..	..	304·7	..	..	294·7	..	..	..	..	?325	+180
720	San Salvador	13 44	89 9	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
721	Jamaica (Negril Point)	18 15	78 23	10·1	..	1014·5	+2·0	302·8	304·4	17th	294·7	293·6	sev. dates	298·8	−0·5	*298·4*	86	− 63
722	Port au Prince	18 34	72 22	37·4	1010·8	1015·1	+1·6	304·5	306·0	..	294·6	292·7	..	299·6	−0·2	299·1	160	−118
723	St. Croix (Christiansted)	17 45	64 42	6·6	1013·6	1014·3	..	301·3	303·0	..	296·8	295·5	..	299·1	..	..	125	..
724	Grenada (Richmond Hill)	12 3	61 45	155·8	995·6	1013·5	+1·0	301·4	302·4	sev. dates	296·1	294·1	27th	298·8	−0·6	*298·4*	212	+ 94
725	Barbados	13 8	59 36	55·2	..	1013·5	+1·8	302·3	304·1	..	296·9	293·8	..	299·6	−0·4	*299·5*	201	+122
731	St. Vincent, C. Verde Is.	16 54	25 4	11	1014·0	1015·2	+0·4	297·4	298·5	16th	293·6	293·0	1st	295·5	−0·1	..	0	0
732	San Tiago, C. Verde Is.	14 54	23 31	34	1012·1	1016·1	..	299·0	301·0	29th	293·7	293·1	2nd, 4th	296·4	−0·4	..	0	0
733	Bathurst	13 24	16 36	1·5	..	1011·8	−0·9	301·9	305·8	18th	293·8	290·8	7th	297·9	+0·2	*298·3*	0	− 5
734	M'Carthy Island	13 42	14 46	1·1	..	..	..	314·6	316·9	15th	294·8	289·1	14th	304·7	−0·2	..	0	− 10
735	Ségou	13 34	6 17	272	..	..	..	312·2	317·0	4th	298·1	293·2	31st	305·2	..	..	36	..
736	Timbouctoo	16 43	W 2 52	250	979·4	1006·9	−0·9	316·0	320·0	7th	297·9	292·8	14th, 15th	306·9	−0·8	*306·8*	0	..
737	Sokoto	13 2	E 5 14	354	..	..	..	311·8	315·2	5, 6, 7,	299·8	292·4	29th	305·8	+0·1	..	90	+ 47
738	Kontagora	10 24	5 29	400	..	..	..	307·4	313·0	12th	296·6	293·0	20th, 28th	302·0	−0·1	..	103	+ 26
739	Maiduguri	11 48	13 12	361	..	..	..	313·2	316·9	1st	294·8	285·8	6th	304·0	−2·1	..	71	+ 47
740	Katagum	12 17	10 22	402	..	..	..	312·1	315·2	5th, 13th	297·7	292·4	4th	304·9	−0·4	..	38	− 2
742	Kadugli	11 2	29 45	503	..	..	..	309·2	313·0	5th	294·4	291·0	16th	301·8	..	..	102	..
743	El Obeid	13 11	30 14	585	..	1009·8	−0·7	313·0	315	24th	296·5	294	5th	304·8	+1·0	*305·3*	4	− 3
744	Khartoum	15 37	32 33	390	..	1007·6	−0·3	315·7	318	31st	298·2	295	7th, 11th	307·0	+0·4	*307·5*	0	0
746	Aden	12 45	45 3	28·7	1006·8	1009·9	+1·1	306·4	310·1	27th	300·3	296·8	21st	303·4	−0·3	*302·7*	0	− 3
751	Bombay	18 54	72 49	11·3	1009·0	1010·2	+1·2	305·8	306·6	5 days	299·9	298·3	5th	302·9	+0·1	*302·3*	1	− 17
752	Mysore	12 18	76 40	768	926·1	1011·3	+0·7	305·4	306·9	16th	293·9	291·6	2nd	299·7	−0·5	*298·8*	120	− 9
752a	Kodaikanal	10 13	77 28	?343	771·1	..	−0·1	293·6	296·3	29th	285·7	284·1	21st	289·7	−0·1	288·8	160	+ 11
753	Madras	13 4	80 14	6·7	1006·7	1007·3	+0·4	311·0	318·0	21st	300·6	298·3	2nd	305·8	+0·7	304·4	0	− 27
754	Waltair	17 45	83 16	68·9	998·3	1005·9	+0·2	306·1	309·4	20th	300·5	298·5	2nd	303·3	..	*302·7*	16	− 43
755	Port Blair	11 40	92 40	17·7	1007·3	1009·2	+0·7	304·7	306·2	1st, 9th	298·6	294·1	21st	301·6	−0·1	*301·0*	225	−204
756	Rangoon	16 46	95 48	5·5	1007·4	1008·1	−0·9	305·9	311·7	10th	297·9	295·2	20th, 21st	301·9	−0·3	*300·6*	664	+353
757	Saigon	10 46	106 42	11·2	1006·7	1007·9	0·0	304·8	308·2	5th	297·5	295·3	6th	301·2	−1·2	..	*252	+ 26
758	Nhatrang	12 16	109 12	6·8	1006·5	1007·2	−0·7	307·6	309·6	13th	297·1	296·1	4th	302·4	+0·6	..	196	+ 49
759	Bolinao	16 24	119 53	8·5	..	1007·1	−1·3	304·8	307·5	21st	297·4	295·5	25th	301·1	−1·1	300·7	872	+618
760	Vigan	17 34	120 23	20	..	1007·4	−1·3	304·9	307·9	6th	297·2	295·4	25th	301·1	−1·2	300·5	437	+218
761	Manila	14 35	120 59	14·2	..	1007·7	−1·0	305·6	307·4	5, 12, 22	296·6	294·0	18th	301·1	−1·1	300·4	193	+ 80
762	Ormoc	11 0	124 36	5·6	..	1008·1	−0·7	304·5	305·8	4th	295·1	293·2	16th	299·8	−0·4	299·3	74	+ 1
765	Guam, Ladrone Is.	13 24	144 38	20·4	..	1009·3	−0·2	302·6	303·6	27, 28, 31	297·4	295·8	17th	300·0	−0·8	..	244	+169
		N ° ′	E. ° ′															

Between Latitude 10° N. and 0°. MAY—ZONE 8.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure: Mean at Level of Station.	Pressure: Mean at M.S.L.	Pressure: Diff. from Normal.	Temperature: Mean Max.	Temperature: Absolute Max.	Temperature: Date.	Temperature: Mean Min.	Temperature: Absolute Min.	Temperature: Date.	Temperature: *Mean.	Temperature: Diff. from Normal.	Temperature: †24 hr. Mean.	Precipitation: Total.	Precipitation: Diff. from Normal.
		° N. ′	° W. ′	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.
805	Fanning Island	3 55	159 23	4·3	..	..	..	302·2	304·1	18th	297·3	294·9	12th	299·7	−0·8	*299·0*	320	− 59
819	Culebra	9 10	79 40	52·4	997·6	1011·5	+1·2	303·0	305·2	29th	295·2	293·0	29th	298·9	−0·7	..	267	− 20
823	El Peru, Guayanaviejo	7 30	62 0	? 300	985·4	..	..	304·4	306·9	18th	294·1	292·2	28th	299·2	..	..	72	..
825	Georgetown, Brit. Guiana	6 50	58 12	1·8	1012·7	1012·9	+0·2	302·8	303·6	27th	296·8	295·2	11th	299·8	+0·3	..	275	− 20
826	Paramaribo	5 49	55 9	4	1013·7	1014·1	+1·2	302·4	304·7	30th	295·6	293·1	25th	299·0	−0·5	*298·4*	190	−168
826a	Cayenne	4 56	52–21	6	..	..	..	302·4	305·4	27th	296·2	293·4	15th	299·3	0·0	*300·2*	674	+118
833	Conakry	9 31	13 43	16	1009·1	1010·9	+1·1	305·5	309·8	..	299·1	296·5	..	302·3	+1·5	*303·1*	79	−109
834	Sierra Leone	8 30	13 9	68·3	1004·0	1011·9	+0·3	305·3	307·1	8th	296·7	293·9	2nd	301·0	+0·9	..	233	− 63
835	Cape Coast Castle	5 5	1 13	..	..	..	..	304·0	305·2	10, 11, 19	295·8	293·6	25th	299·9	−0·2	..	44	−146
836	Accra	5 35	W 0 6	18	..	..	..	..	..	..	..	..	..	..	..	..	105	− 41
837	Lagos	6 27	E 3 24	7·6	..	1009·6	−1·4	304·5	305·8	..	296·3	294·1	..	300·4	+0·1	..	223	− 44
838	Zungeru	9 48	6 10	130	..	1010·1	−1·1	306·8	311·3	12th	296·4	293·6	19, 20, 31	301·6	−0·3	..	170	+ 61
838a	Libreville	0 23	9 26	35	..	..	..	304·4	310·1	2nd	293·7	293·0	sev. dates	299·1	−0·5	..	588	+323
839	Yola	9 12	12 30	259	..	..	..	307·4	311·3	12th, 18th	296·9	290·8	21st	302·2	−0·3	..	174	+ 57
841	Kafia Kingi	9 22	24 18	596	..	..	..	..	..	..	..	..	..	..	..	..	33	..
842	Wau	7 42	28 3	440	..	1009·1	..	307·7	312·2	2nd	294·1	292·5	7, 16, 30	300·9	..	..	209	+ 60
843	Entebbe	0 5	32 29	1177	883·1	..	−0·8	297·7	299·4	30th	290·4	288·8	10th	294·1	−0·3	*293·7*	401	+191
844	Nandi	0 2	35 5	2010	..	..	..	..	..	..	..	..	..	..	..	..	164	− 54
845	Harrar	9 42	42 30	1856	..	..	..	297·7	300·0	2nd	287·6	286·0	4th, 5th	292·7	..	..	139	..
851	Cothin	10 0	76 21	2·7	1010·1	1010·4	+0·9	305·2	306·2	18th, 28th	298·1	292·6	6th	301·6	−0·1	*301·0*	247	− 42
852	Colombo Observatory	6 54	79 53	7·3	1008·4	1009·2	+1·3	304·6	305·8	5th	298·1	295·8	7th	301·4	0·0	*300·8*	94	−274
853	Candy	7 18	80 40	504·5	..	..	..	303·3	305·1	3rd	294·6	293·0	27th	298·9	+0·1	..	34	−109
855	Medan	3 35	98 41	23·5	..	1009·9	+0·3	..	..	..	..	..	..	..	..	..	139	− 44
856	Kota Radja	5 32	95 20	7·1	..	1009·5	−0·2	..	..	..	..	..	..	..	..	..	130	− 28
857	Penang	5 34	100 20	4·9	1008·3	1008·8	−0·7	306·0	308·0	14, 16, 20	295·7	294·1	8, 13, 17	300·9	−0·2	..	281	− 2
858	Singapore	1 17	103 51	2·2	1009·2	1009·4	+0·5	304·2	306·1	3rd	296·7	295·6	18th	300·4	−0·1	..	174	+ 1
860	Sandakan	5 49	118 12	..	..	..	..	304·9	305·8	8, 24, 28	297·1	296·3	3, 5, 26	301·0	−0·1	..	201	+ 58
861	Tagbilaran	9 38	123 51	26·2	..	1007·2	−1·4	306·0	308·4	27th	297·4	295·7	31st	301·7	..	*300·7*	99	− 8
862	Surigao	9 48	125 29	6	..	1007·9	−0·9	305·0	307·2	27th	296·5	295·1	16th	300·8	?0·0	?300·2	38	− 78
863	Yap	9 29	138 8	31·9	..	1006·7	−1·2	303·2	305·0	19, 26, 27	297·8	296·5	12th	300·5	−0·5	..	879	+576
869	Uyelang	9 42	161 3	< 10	1010·0	..	−0·4	..	..	..	..	..	..	..	..	..	115	− 72
		N ° ′	E. ° ′	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.

* Mean of max. and min. or of observations at fixed hours. † Computed means for the 24 hours are in *italics*.

MAY—ZONE 9.

Table representing the Meteorology of the Globe between Latitude 0° and 10° S.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure. Mean at Level of Station.	Pressure. Mean at M.S.L.	Pressure. Diff. from Normal.	Temperature. Mean Max.	Temperature. Absolute Max.	Temperature. Date.	Temperature. Mean Min.	Temperature. Absolute Min.	Temperature. Date.	Temperature. *Mean.	Temperature. Diff. from Normal.	Temperature. †24 hr. Mean.	Precipitation. Total.	Precipitation. Diff. from Normal.
		° S. ′	° W. ′	metres	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.
905	Malden Island	3 59	155 0	8·8	1010·2	1011·2	+1·1	304·0	305·2	16, 21, 26	296·9	294·7	16th	300·4	−1·0	*299·6*	22	− 58
906																		
923	Manaos	3 8	59 59	44·9	1004·3	1009·4	..	303·9	306·0	10th	297·0	295·8	28th	300·5	..	..	138	− 4
929	Quixeramobim	5 16	39 18	207·0	989·5	1013·2	+1·6	301·4	304·2	4th	296·2	293·5	31st	298·8	−1·0	*298·5*	273	..
930	Fernando Noronha	3 51	W32 25	95	..	..	..	..	..	..	..	..	..	..	..	..	..	..
939	Sainte-Croix-des-Eshiras	1 44	E10 21	195	..	..	..	306·5	308·3	1st	293·7	292·3	14th	300·1	+0·3	..	165	+ 22
940	Loango	4 38	11 45	? 50	..	..	..	?303·0	..	..	?296·2	..	..	?*299·6*	..	?*299·1*	106	..
943	Daressalam	6 49	39 18	7·6	1013·9	1014·7	−0·3	300·4	302·9	5th	294·5	292·6	29th	297·5	−0·7	297·0	200	+ 20
944	Nairobi	1 18	36 59	1660	..	..	..	293·7	298·8	23rd	284·9	281·1	23rd	289·3	−1·4	..	151	+ 11
944a	Zanzibar	6 10	39 11	21·9	1013·9	1016·3	+0·2	300·6	302·6	6th	296·7	294·9	16th	298·7	−0·5	*297·4*	299	+ 9
945																		
946	Lamu	2 16	40 54	3·0	..	..	..	..	..	..	..	..	..	..	..	..	1356	+729
947	Seychelles	4 37	55 27	4·6	1011·2	1011·8	−0·1	301·9	303·4	..	298·8	297·1	..	300·4	+0·2	*299·6*	193	+ 34
948																		
955																		
956	Padang	0 56	100 22	6·7	..	1011·5	+0·8	..	..	..	..	..	..	..	..	..	268	− 45
957	Batavia	6 11	106 50	8	..	1009·7	+0·1	303·7	305·3	12th	296·5	295·6	9th	300·1	+0·2	299·6	198	+103
958	Pontianak	0 1	109 20	2·6	..	1008·8	−0·2	..	..	..	..	..	..	..	..	..	393	+136
959	Passeroean	7 39	112 56	5·0	1009·4	1010·0	+0·1	304·4	305·0	..	295·7	294·0	..	300·1	..	*299·8*	37	− 44
960	Kajoemas	7 56	114 9	950	..	..	..	..	..	..	..	..	..	..	..	..	..	..
961	Koepang	10 10	123 34	3·3	..	1009·8	−0·2	..	..	..	..	..	..	..	..	..	8	− 25
962	Ambon	3 42	128 10	4·2	..	1009·4	+0·2	..	..	..	..	..	..	..	..	..	313	−182
965	Daru	9 4	143 13	8	..	1011·4	+0·4	302·6	..	..	297·7	..	..	300·2	+0·7	..	346	+162
966	Port Moresby	9 29	147 9	39	..	1011·0	+0·2	303·2	..	..	297·4	..	..	300·3	+0·2	..	3	− 71
967	Rakuranga	4 13	152 8	? 120	..	..	..	304·1	307·0	..	295·0	294·0	..	299·6	..	..	69	..
968	Rendova	8 24	157 19	..	..	..	..	..	..	..	..	..	..	..	..	..	569	+233
969	Tulagi, Brit. Solomon Is.	9 5	160 8	53·6	1003·0	1009·1	−0·7	301·9	303·0	16, 18, 28	297·3	295·8	10th, 25th	299·6	..	..	228	+ 44
970	Ocean Island	0 52	169 36	48·5	..	1010·7	+2·5	304·1	304·9	3rd	297·9	294·9	3rd	301·0	+0·1	*300·3*	184	+ 18
		S.	E.															

MAY—ZONE 10.

Between Latitude 10° S. and 20° S.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure. Mean at Level of Station.	Pressure. Mean at M.S.L.	Pressure. Diff. from Normal.	Temperature. Mean Max.	Temperature. Absolute Max.	Temperature. Date.	Temperature. Mean Min.	Temperature. Absolute Min.	Temperature. Date.	Temperature. *Mean.	Temperature. Diff. from Normal.	Temperature. †24 hr. Mean.	Precipitation. Total.	Precipitation. Diff. from Normal.
		S.	W.															
1001																		
1002	Apia, Samoa	13 49	171 45	4	1010·4	1010·8	−0·2	301·6	302·9	..	296·0	294·4	..	298·8	+0·3	*298·7*	221	+ 86
1003	Alofi, Niue Island	19 2	169 55	36·6	1011·9	1016·1	−0·3	300·9	304·7	22nd	293·4	289·7	29th, 30th	297·2	−0·3	..	347	+193
1004																		
1007	Makatea	15 47	148 14	39	1008·5	1012·9	+1·0	302·0	303·9	..	295·6	293·1	..	298·8	..	..	122	..
1008																		
1021	Puerto de Arica	18 28	70 20	10	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1022	Arequipa	16 22	71 33	2451	762·0	..	+0·6	292·1	296·3	10th	281·9	278·0	17th	287·0	0·0	..	0	− 1
1023																		
1024	Sucre, Bolivia	19 3	67 17	2844	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1025	Araguaya	15 33	52 59	488	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1026	Cuyaba	15 35	56 0	235	992·8	1019·9	−0·4	300·4	304·0	1, 2, 20	293·5	284·9	13th	296·0	−0·6	..	4	− 43
1027	Bello Horizonte	19 54	43 30	857	919·7	1016·8	..	295·8	301·0	..	282·9	278·0	..	289·4	..	..	20	..
1028	Cætite	14 2	42 37	900	916·6	1016·9	..	300·1	305·0	1st	289·0	285·7	22nd	294·5	..	..	14	..
1029	Ondina	13 0	38 30	45·2	1007·3	1012·5	..	299·5	303·1	8th	295·5	294·3	28th	297·5	..	..	136	..
1030	Aracaju	10 55	37 4	4·3	1014·6	1015·1	..	302·1	305·3	2nd	296·6	294·7	4th	299·4	..	..	121	..
1035	St. Helena	15 57	W 5 40	? 620	947·7	1018·8	−0·2	294·4	298·0	16th	288·1	286·3	27th, 29th	291·3	+0·9	*291·1*	68	− 37
1036																		
1041																		
1042	Gwelo	19 26	E30 2	1416	860·9	..	−0·2	296·1	299·6	..	277·4	273·7	..	286·7	−1·6	..	0	− 5
1043	Salisbury, Rhodesia	17 48	31 5	1487	860·3	..	+0·5	296·5	300·2	..	279·3	276·3	..	287·9	−0·9	..	0	− 5
1044	Zomba	15 23	35 18	954	910·3	1017·9	+1·5	295·9	300·2	26th	286·0	282·4	18th	291·0	−0·8	*289·4*	25	+ 2
1045	Tamatave	18 9	49 26	4	1017·8	1018·2	+0·6	299·8	301·6	..	292·4	290·0	..	296·1	−0·5	..	129	−118
1046	Tananarivo	18 55	47 32	1400	867·5	..	+1·1	295·7	297·6	7th	284·1	279·4	16th	289·9	−1·5	288·8	1	− 11
1055	Cocos Keeling Is.	12 5	96 54	4·6	..	1012·7	..	302·0	304·0	8th	298·1	296·1	14th, 25th	300·1	−0·2	..	96	−105
1056																		
1057	Christmas Is.	10 25	105 43	5·5	1007·8	1008·4	−0·1	303·4	306·2	..	296·6	295·3	..	300·0	−0·4	..	265	− 11
1058																		
1061	Derby	17 18	123 40	16·2	..	1013·8	+0·6	305·2	308·3	3rd	294·8	289·7	27th	300·0	+1·9	..	0	− 24
1062	Hall's Creek	18 13	127 46	373·6	..	1014·0	−1·3	304·1	306·2	16th, 18th	288·2	283·0	12th	296·2	+1·8	..	10	− 1
1063	Port Darwin	12 28	130 51	29·6	..	1011·1	+0·3	305·2	306·8	27th	296·4	293·7	12th	300·8	+0·1	*299·6*	17	− 3
1064	Daly Waters	16 16	133 23	210·6	..	1012·4	..	305·1	308·0	18th	290·8	285·2	12th	297·9	+1·3	*297·2*	0	− 4
1065	Mein	13 13	142 57	121·9	..	1010·6	..	303·4	304·4	21st	293·2	289·4	12th	298·3	..	..	12	+ 2
1066	Georgetown, Queensland	18 23	143 33	301·8	..	1014·1	..	303·9	306·3	16th, 17th	289·1	279·7	9th, 10th	296·5	..	..	1	− 10
1067	Samarai	10 37	150 40	6·4	..	1011·8	+0·9	301·6	..	..	297·3	..	..	299·5	+0·4	..	242	− 67
1068																		
1070	La Kolle	17 40	168 20	30	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1072	Suva, Fiji	18 8	178 26	13·4	..	1014·0	−0·4	301·9	305·0	7th	291·8	288·0	21st	296·9	..	..	139	..
		S. ° ′	E. ° ′	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.

* Mean of max. and min. or of observations at fixed hours.

† Computed means for the 24 hours are in *italics*.

Table representing the Meteorology of the Globe between Latitude 20° S. and 30° S.

MAY—ZONE 11.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure. Mean at Level of Station.	Pressure. Mean at M.S.L.	Pressure. Diff. from Normal.	Temperature. Mean Max.	Temperature. Absolute Max.	Temperature. Date.	Temperature. Mean Min.	Temperature. Absolute Min.	Temperature. Date.	Temperature. *Mean.	Temperature. Diff. from Normal.	Temperature. †24 hr. Mean.	Precipitation. Total.	Precipitation. Diff. from Normal.
		° S. ′	° W. ′	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.
1105	Rarotonga (Avarua)	21 12	159 47	..	..	..	..	298·8	300·2	15, 16, 17	292·9	288·7	29th	295·9	..	..	123	− 40
1106																		
1115	Mataveri, Easter Island	27 10	109 26	30	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1116																		
1121	Punta Tortuga, Coquimbo	29 56	71 21	25	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1122	Puerto de Antofagasta	23 39	70 25	5	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1125	Goya	29 9	59 15	64	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1126	Porto Alegre	30 1	51 13	24·5	1016·0	1018·9	..	292·8	298·1	8th	281·6	274·0	31st	287·2	..	*290·1*	21	− 73
1127	Curityba	25 25	49 15	908	916·3	1020·6	+1·1	292·8	299·6	6th	278·0	269·3	25th	285·4	−1·5	*285·1*	83	− 32
1128	Rio de Janeiro	22 54	W43 10	61	1010·0	1017·2	0·0	..	301·6	..	..	288·1	..	..	−0·9	*293·8*	138	+ 48
1139	Windhuk	22 34	E17 6	1665·3	836·1	..	..	..	..	..	..	..	..	..	−1·5	*288·1*	..	..
1140																		
1141	Johannesburg	26 11	28 4	1806	824·8	..	+0·3	291·5	296·2	21st	280·8	272·8	15th	286·2	−1·2	*285·8*	1	− 18
1142	Kimberley	28 42	28 47	1202	885·7	..	−0·3	295·3	..	..	278·5	..	..	286·9	+0·4	286·1	2	− 20
1142a	Pretoria	25 45	28 11	1339	871·3	..	+0·2	296·7	301·1	20th	277·2	272·3	30th	286·9	−2·9	..	0	− 11
1143	Durban	29 51	31 0	80	1010·0	1019·5	−1·3	297·5	302·5	16th	287·9	284·1	31st	292·7	−0·2	..	138	+ 95
1144	Lorenzo Marques	25 58	32 36	59	..	1019·0	−0·2	300·2	305·9	6th	287·9	285·2	26th	294·0	−0·3	293·2	6	− 25
1147	Mauritius	20 6	57 33	54·3	1010·3	1016·7	+0·1	299·0	300·8	5th	290·7	287·4	27th	294·9	−0·7	294·6	24	− 71
1148																		
1159	Onslow	21 43	114 57	4·3	..	1012·8	−2·0	300·6	306·9	1st	289·4	281·6	27th	295·0	+0·1	..	54	+ 10
1160	Peak Hill	25 38	118 47	588·3	..	1014·2	−2·8	296·0	304·1	2nd	285·7	279·1	26th	290·9	+0·2	..	49	+ 26
1161	Nullagine	21 53	120 5	385·6	..	1014·5	−1·1	300·5	307·0	1st, 4th	288·6	280·9	31st	294·6	+1·4	..	27	+ 12
1162	Laverton	28 40	122 23	466·3	..	1016·0	−3·2	294·9	303·6	1st	283·6	275·2	26th	289·3	+0·5	..	41	+ 8
1163	Alice Springs	23 38	133 37	587·0	..	1016·5	−1·9	297·9	304·1	16th	283·7	276·1	31st	290·8	+2·4	*290·7*	28	+ 12
1164	William Creek	28 55	136 21	76·2	..	1018·6	..	296·5	305·8	17th	283·1	278·0	10th	289·8	..	*289·6*	31	+ 21
1165	Boulia	22 55	139 38	145·7	..	1014·7	..	302·3	305·3	1st	286·8	282·5	12th	294·6	..	..	2	− 7
1166	Mitchell	26 32	147 52	337·1	..	1018·4	..	297·7	301·9	1st	279·5	274·7	11th	288·6	..	..	3	− 43
1167	Rockhampton	23 24	150 30	11·3	..	1017·1	..	301·1	303·8	15th	287·9	282·4	12th	294·5	..	..	15	− 28
1168	Brisbane	27 28	153 2	41·7	..	1018·9	−0·2	297·8	301·4	12th	287·4	283·3	9th	292·6	+1·7	..	11	− 67
1169	Noumea	22 16	166 27	9	1013·0	1014·0	..	299·9	302·2	8th	292·5	290·4	22nd	296·2	+0·9	..	308	+ 93
1170	Norfolk Island	29 4	167 58	..	..	..	..	..	..	..	..	..	..	..	..	..	186	+ 51
		S.	E.															

Between Latitude 30° S. and 40° S.

MAY—ZONE 12.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure. Mean at Level of Station.	Pressure. Mean at M.S.L.	Pressure. Diff. from Normal.	Temperature. Mean Max.	Temperature. Absolute Max.	Temperature. Date.	Temperature. Mean Min.	Temperature. Absolute Min.	Temperature. Date.	Temperature. *Mean.	Temperature. Diff. from Normal.	Temperature. †24 hr. Mean.	Precipitation. Total.	Precipitation. Diff. from Normal.
		S.	W.															
1219																		
1220	Juan Fernandez	33 37	78 50	10	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1221	Punta Angeles, Valparaiso	33 1	71 38	40	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1222	Santiago	33 27	70 42	520	957·4	1018·8	+1·6	..	300·2	8th	..	270·9	31st	283·5	+0·3	*283·4*	1	− 58
1223	Cordoba	31 25	64 12	439	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1224	Buenos Ayres	34 16	64 11	25·2	1016·2	1019·2	+2·6	290·1	299·2	7th	279·1	271·4	30th	284·6	−1·6	284·8	36	− 41
1225	Rio Grande	32 2	52 6	2·3	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1226	Montevideo	34 52	W56 12	29·3	1015·5	1019·0	+3·5	290·0	297·3	7th	279·9	271·1	28th	284·9	−1·6	284·6	27	− 69
1239	Cape Town	33 56	E18 29	12	1017·3	1018·7	+1·1	293·2	300·1	..	283·9	277·0	..	288·6	+0·8	*287·1*	112	+ 11
1240	Danger Point	34 37	19 18	20	..	..	..	290·2	294·1	3rd	284·8	280·2	20th	287·5	..	..	73	..
1241	Heidelberg	34 5	20 58	1541	..	..	..	296·7	307·4	4th	280·1	274·1	20th	288·4	+3·7	..	24	− 23
1242	East London	33 2	27 55	10·1	1016·5	1017·7	−0·4	295·0	302·4	2nd	285·2	281·9	8th, 31st	290·1	+0·1	..	59	+ 17
1259	Perth (Observatory)	31 57	115 51	60·0	..	1014·3	−4·3	292·5	298·9	3rd	284·8	278·6	25th	288·7	−0·2	..	186	+ 67
1260	Katanning	33 42	117 35	309·7	..	1013·1	−5·8	290·2	296·5	3rd	280·6	274·7	31st	285·4	−0·4	..	78	+ 24
1262	Coolgardie	30 57	121 10	423·3	..	1015·4	−4·3	292·1	298·0	1st	281·7	275·7	26th	286·9	−0·3	..	58	+ 26
1263	Eucla	31 45	128 58	4·6	..	1015·1	−4·2	295·3	305·2	6th	284·1	278·1	9th	289·7	+0·6	..	39	+ 7
1264	Streaky Bay	32 48	134 13	13·1	..	1017·4	−3·8	292·9	299·0	11th	285·6	278·8	4th	289·2	+1·5	..	122	+ 74
1265	Adelaide	34 56	138 35	42·7	..	1018·4	−1·7	292·4	298·4	7th	284·4	280·1	3rd	288·4	−1·2	*288·2*	112	+ 41
1266	Melbourne	37 49	144 57	35·1	..	1017·9	−1·5	290·3	294·6	1st	282·7	276·4	6th	286·5	+1·3	*286·2*	63	+ 9
1267	Bourke	30 13	145 58	110·1	..	1020·1	+0·4	297·0	303·6	2nd	281·6	276·9	30th	289·3	+0·7	..	10	− 18
1268	Sydney	33 51	151 13	44·5	..	1019·3	+1·2	292·5	299·4	2nd	284·7	280·9	31st	288·6	+0·9	..	81	− 47
1271	Lord Howe Island	31 32	159 4	..	..	..	..	..	..	..	..	..	..	..	..	..	186	+ 50
1272	Auckland	36 50	174 50	38·1	..	1016·9	..	290·2	294·1	5th	284·3	278·3	19th	287·3	+0·5	..	128	+ 18
		S.	E.															

Between Latitude 40° S. and 50° S.

MAY—ZONE 13.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure. Mean at Level of Station.	Pressure. Mean at M.S.L.	Pressure. Diff. from Normal.	Temperature. Mean Max.	Temperature. Absolute Max.	Temperature. Date.	Temperature. Mean Min.	Temperature. Absolute Min.	Temperature. Date.	Temperature. *Mean.	Temperature. Diff. from Normal.	Temperature. †24 hr. Mean.	Precipitation. Total.	Precipitation. Diff. from Normal.
		S.	W.															
1301	Chatham Island	43 52	170 42	·46	..	..	..	286·4	289·7	three times	281·2	275·8	19th	283·8	+0·6	..	101	+ 3
1302																		
1321	Punta Corona	41 51	73 50	25	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1322	Punta Galera	40 1	73 44	40	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1323	Bahia Blanca	38 45	W62 12	20	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1324																		
1365	Hobart	42 53	E147 22	53·9	..	1012·5	−4·2	287·8	293·4	1st	280·3	275·8	22nd	284·1	+0·8	*283·5*	40	− 6
1366	Launceston	41 27	147 10	9·4	..	1014·4	..	288·3	290·8	26th	279·9	273·6	14th	284·1	..	..	165	+103
1369																		
1370	Dunedin	45 52	170 31	91	..	1011·9	−0·9	286·8	295·2	4th	279·6	274·7	15th	283·2	+1·9	..	52	− 35
1371	Christchurch	43 32	172 38	7·6	..	1014·6	+0·4	287·8	294·8	3rd	277·7	271·0	18th	282·7	+0·7	..	35	− 25
1372	Wellington	41 16	174 46	33·5	..	1016·7	+2·2	288·1	291·4	5th	282·9	276·2	18th	285·5	+0·9	..	85	− 35
		S. ° ′	E. ° ′	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm	mm.

* Mean of max. and min. or of observations at fixed hours.

† Computed means for the 24 hours are in *italics*.

MAY—ZONE 14. Table representing the Meteorology of the Globe between Latitude 50° S. and 60° S.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure. Mean at Level of Station.	Pressure. Mean at M.S.L.	Pressure. Diff. from Normal.	Temperature. Mean Max.	Temperature. Absolute Max.	Temperature. Date.	Temperature. Mean Min.	Temperature. Absolute Min.	Temperature. Date.	Temperature. *Mean.	Temperature. Diff. from Normal.	Temperature. †24 hr. Mean.	Precipitation. Total.	Precipitation. Diff. from Normal.
		° ′ S.	° ′ W.	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.
1421	Islota de los Evangelistas	52 24	75 6	55	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1422	Puerto de Punta Arenas	53 10	70 54	4	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1423	Punta Dungeness	52 24	68 25	5	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1425	Cape Pembroke	51 41	57 42	15	996·6	998·4	−2·1	279·7	281·3	17th	275·2	270·8	30th	277·5	+0·6	278·0	..	..
1426	Stanley, Falkland Is.	51 41	57 51	4	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1429	S. Georgia (Cumberland Bay)	54 14 S.	36 34 W.	3	996·3	996·7	+2·5	275·4	281·1	19th	270·6	266·4	15th	273·0	−1·2	272·7	64 185	+ 30

MAY—ZONE 15. Between Latitude 60° S. and 70° S.

1527	South Orkneys	S. 60 44	W. 44 39	6·9	993·1	994·0	+1·3	271·9	275·4	24th	268·1	261·7	14th	270·0	+3·9	270·1	50	+ 14
1528		° ′	° ′	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.

* Mean of max. and min. or of observations at fixed hours. † Computed means for the 24 hours are in *italics*.

DAILY OBSERVATIONS OF WIND WITHIN THE TROPICS.—MAY 1910.

Date.	St. Helena.* 1035. Direction.	St. Helena.* 1035. Mean Velocity for the Day.	Fanning Island. 805. Direction and Force.		Sierra Leone. 834. Direction and Force.		Malden Island. 905. Direction and Force.		Tulagi. 969. Direction and Force.	Ocean Island. 970. Direction and Force.		Suva, Fiji. 1072. Direction.	Suva, Fiji. 1072. Mean Velocity, 24 hrs. ending 9 a.m.
	9 a.m.	m/s.	9 a.m.	9 p.m.	9 a.m.	5 p.m.	9 a.m.	8 p.m.	9 a.m.	9 a.m.	9 p.m.	9 a.m.	m/s.
1	SE	5·7	E 4	E 4	N 2	W 3	E 3	E 2	NW 1	E 3	E 3	..	1·1
2	SSE	4·5	NE 4	E 2	E 2	Calm 0	E 2	E 1	SE 2	E 4	SE 7	..	1·8
3	SSE	5·5	E 6	NE 4	N 2	W 2	NE 1	NE 3	SE 1	NE 1	E 4	..	1·5
4	SE by S	8·0	E 4	E 4	W 2	W 2	NE 2	NE 2	Calm 0	E 4	E 4	..	1·5
5	SE	7·1	E 4	E 4	W 3	W 3	NE 3	NE 3	SE 1	E 4	E 4	..	0·4
6	ESE	7·9	E 4	E 4	W 1	W 2	NE 3	E 1	SE 1	SE 1	E 3	..	0·8
7	SE by E	8·8	E 4	E 4	N 1	W 3	NE 1	NE 2	Calm 0	E 3	E 3	..	0·5
8	SSE	7·7	NE 4	E 4	N 1	NW 2	NE 3	NE 2	Calm 0	SE 1	SE 2	..	1·9
9	SE by S	5·9	E 4	E 4	N 2	W 3	NE 3	E 2	Calm 0	E 2	E 4	..	2·0
10	SE	7·8	SE 4	SE 4	NW 2	W 3	E 3	E 1	Calm 0	E 1	E 1	..	3·2
11	SSE	7·7	S 2	S 2	E 2	NW 2	E 1	E 1	Calm 0	S 1	SE 5	..	1·5
12	SE	8·5	NW 2	E 2	N 1	W 3	NE 2	NE 1	Calm 0	E 1	E 4	..	2·1
13	SSE	5·8	E 4	E 4	Calm 0	W 3	NE 2	E 2	SE 3	E 3	E 1	..	1·3
14	SE by S	5·4	SE 4	SE 2	E 2	W 2	E 2	E 2	SE 2	SE 4	E 1	..	2·2
15	SE by S	9·0	SE 2	Calm 0	W 2	W 2	SE 2	E 1	SE 3	E 3	E 1	..	1·8
16	SE by S	7·7	S 2	SE 2	N 2	NW 2	E 1	E 2	SE 3	E 1	E 1	..	1·3
17	SE by S	7·7	SE 2	E 2	NW 3	W 2	NE 1	NE 1	SE 4	E 3	E 1	..	1·2
18	SE	4·2	E 4	N 2	N 2	N 1	NE 2	N 2	SE 6	E 2	E 1	..	1·6
19	SE	4·1	Calm 0	NE 2	N 2	W 2	N 1	Calm 0	SE 4	E 1	E 1	..	3·3
20	SE	5·9	E 4	S 2	Calm 0	NW 2	NE 1	NE 2	SE 5	SE 1	E 1	..	5·3
21	SE by S	8·7	SE 4	E 4	N 2	W 2	SE 1	E 1	SE 6	NE 2	E 3	..	2·3
22	SE	7·5	SE 4	SE 4	E 2	NW 2	E 2	E 2	SE 4	E 3	E 3	..	0·4
23	SE	7·1	SE 4	E 4	N 1	W 2	E 2	E 2	SE 2	E 4	E 3	..	2·3
24	SE by E	6·1	SE 4	SE 4	NW 2	W 2	E 1	E 1	Calm 0	E 3	E 1	..	3·3
25	SE by S	5·1	E 4	E 2	W 2	W 2	E 2	E 3	SE 2	E 5	E 3	..	4·4
26	SE by S	4·5	SE 4	SE 4	N 1	W 2	E 4	E 3	SE 6	E 3	E 3	..	2·1
27	SE	3·2	E 4	E 6	N 2	N 2	E 1	E 3	SE 2	E 1	E 3	..	3·9
28	SE by S	3·8	SE 4	SE 4	NW 2	W 3	E 2	E 2	SE 1	E 3	E 2	..	3·8
29	SE	4·0	E 4	Calm 0	N 1	Calm 0	E 2	E 1	SE 2	E 3	E 3	..	4·6
30	SE	4·8	E 2	SE 4	N 1	NW 2	E 2	E 1	Calm 0	SE 2	E 1	..	4·2
31	SE	4·8	SE 4	SE 4	N 1	NW 2	SE 2	E 1	SE 1	SE 1	E 3	..	1·4
Mean for Month	..	6·3		3·5		3·2		1·6		2·1		2·0	1·7
Deviation from Normal	..	+0·2	..	..	..	..	..	..	−0·6	..	+0·3	..	..
										2·0	2·4	2·6	2·2

* Direction and velocity of the South-East Trade Wind at 620 metres.

STATE OF ICE IN THE ARCTIC SEAS AND IN THE NORTH ATLANTIC.—MAY 1910.

**White Sea* was ice-free on 12th.

**Barents Sea.*—"Ice-edge lay along 75° N. from 12° E. to 40° E., then S.E. to 50° E. The area covered was 925,000 sq. km. (normal 1,035,000). The west coast of *Novaja Zemlya* was free north of Matotschkin Strait. During May the west coast of *Spitsbergen* became almost free. Bell Sound and Storfjord were full.

**Greenland Sea, Iceland, and Denmark Strait.*—"Between 9th and 14th and on 19th ice was visible from Cape North, otherwise Iceland was ice-free. At Angmagsalik the Storis remained close inshore. Area covered 1,063,000 sq. km. (about normal)."

North Atlantic and Labrador.—"There were many icebergs on Newfoundland Banks, especially east of Newfoundland to 46° W. (extreme 1901–1910 39° W.), and in and east of Belle Isle Strait, but the Strait was passed by May 15th—very early. *St. Lawrence Gulf* was ice-free."

**Davis Strait and Baffin Bay.*—"The Storis from Cape Farewell to past Arsuk extended 80 miles off shore; S. of Cape Farewell a tongue trended S.E. but not so far as in April. Arsuk Fjord was open and N. of 63° the coast was ice-free. Ice in Disko Bay and Egedesminde disappeared during the month."

**Bering Sea.*—"At the beginning of the month heavy pack-ice was met. The ice-edge lay just N. of Alaska. At the end of May the sea at Nome was ice-covered, but St Michael's and the inmost part of Norton Sound were ice-free."

* *Isforholdene i de arktiske Have, 1910*, issued by the Danish Meteorological Institute.

RÉSEAU MONDIAL, JUNE 1910

TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE FOR THE MONTH OF JUNE 1910 BY MEANS OF STATIONS SELECTED AT THE RATE OF TWO FOR EACH TEN-DEGREE SQUARE.

JUNE—ZONE 1. Between Latitude 80° N. and 70° N.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure. Mean at Level of Station.	Pressure. Mean at M.S.L.	Pressure. Diff. from Normal.	Temperature. Mean Max.	Temperature. Absolute Max.	Temperature. Date.	Temperature. Mean Min.	Temperature. Absolute Min.	Temperature. Date.	Temperature. *Mean.	Temperature. Diff. from Normal.	Temperature. †24 hr. Mean.	Precipitation. Total.	Precipitation. Diff. from Normal.
		° ′ N.	° ′ W.	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.
123	North Star Bay	76 30	68 55	6·5	..	..	..	..	..	..	..	..	..	..	..	..	..	..
124																		
125	Upernivik	72 47	W56 7	18·9	1013·2	1015·6	+3·9	277·1	285·0	29th	270·6	266·5	1st	273·9	−1·2	*274·0*	9	− 2
126																		
139	Spitsbergen	78 2	E 14 14	11·4	..	..	..	..	..	..	..	..	..	..	..	..	..	..
140																		
141	Gjesvaer	71 6	25 22	6·5	1012·3	1013·1	0·0	..	296·7	15th	..	273·8	20th	..	−0·6	*279·3*	46	+ 9
142	Mehavn	71 1	27 47	6·4	1012·4	1013·2	..	..	288·3	10th	..	273·6	3rd	..	..	*278·8*	57	+18
143	Vardö	70 22	31 8	10·0	1011·9	1013·1	−0·2	..	286·6	13th	..	274·1	18th	..	−0·7	*277·9*	30	− 3
144																		
147																		
148		N.	E.															

JUNE—ZONE 2. Between Latitude 70° N. and 60° N.

203	Nome	64 30	165 24	6·7	..	1006·4	..	280·2	286·3	30th	274·6	270·2	17th	277·4	..	..	40	..
204																		
205	Tanana	65 12	152 0	? 73·8	..	?1006·4	..	292·6	301·3	23rd, 25th	279·3	273·0	9th	286·0	..	..	9	..
206																		
207	Valdez	61 6	146 13	8·2	..	1013·5	..	287·8	291·9	30th	278·3	273·6	11th	283·1	..	..	68	..
208	Eagle	64 46	141 12	248	..	1003·7	..	295·6	303·6	21st	276·8	268·6	12th	286·2	..	..	27	−11
209	Dawson	64 4	139 20	321	969·5	1007·1	−2·9	294·3	302·4	29th	279·5	272·4	12th	286·9	−0·5	..	37	..
210	Carcross	60 11	134 34	662	..	..	..	288·4	298·0	21st	275·7	271·3	1st	282·1	..	..	30	..
211																		
212	Fort Simpson	61 52	120 43	129	992·5	1007·6	..	..	..	..	280·0	275·2	7th, 8th	293·0	..	..	62	..
213	Hay River	60 51	115 20	161	989·0	1008·3	..	290·3	301·3	12th	279·0	271·3	2nd	284·7	+1·0	..	96	..
225	Jacobshavn	69 13	51 2	12·6	1012·8	1014·4	+3·7	278·4	286·0	30th	273·5	267·6	2nd	276·0	−2·4	*275·8*	18	− 1
226	Godthaab	64 11	51 44	9	1011·0	1012·1	+2·5	..	..	..	273·4	270·4	2nd	..	−1·7	*276·0*	25	−11
229	Angmagsalik	65 37	37 34	31·7	1011·6	1015·5	+3·9	284·0	289·2	29th	272·9	269·3	10th	278·5	−0·3	..	17	−36
230																		
231	Stykkisholm	66 5	22 46	11·3	1010·8	1012·3	+1·9	283·2	287·3	19th	277·3	273·5	4, 10, 13	280·3	−0·8	*280·3*	34	− 6
232	Vestmanno	63 26	20 15	7·7	1011·2	1012·1	+0·5	285·1	289·3	30th	279·2	274·9	2nd	282·2	−0·6	*281·5*	61	−36
233	Grimsey (Akureyri)	66 33	17 58	6·8	1012·6	1013·4	+2·0	279·7	285·0	9th	275·2	272·1	10th	277·5	−0·9	*277·4*	18	− 5
234	Berufjord	64 40	14 19	18·0	1010·8	1013·0	+0·3	286·1	291·2	8th	277·0	274·0	10th	281·6	+1·2	*281·2*	50	−21
235	Thorshavn	62 3	W 6 45	25·7	1010·8	1013·9	−0·4	284·5	287·2	8th	279·7	275·5	5th	282·1	−0·4	..	37	−42
236																		
237	Bergen (Met. Obs.)	60 24	E 5 19	44·4	1006·4	1011·7	−2·1	..	299·2	13th	283·0	279·7	5th	..	+0·4	*286·3*	161	+68
238	Christiansund	63 7	7 45	17·8	1010·7	1012·8	−0·9	..	294·0	12th	281·7	279·5	19th	..	+0·1	*284·3*	52	+ 1
239	Trondhjem	63 26	10 25	39·5	1008·0	1012·7	−0·6	..	302·7	14th	280·9	276·5	6th	..	+0·6	*285·5*	21	−25
240	Bodö	67 17	14 24	20·5	1010·3	1012·8	−0·4	..	295·8	14th	279·8	276·4	17th	..	−0·3	*282·8*	70	+17
241	Haparanda	65 50	24 9	9·2	1010·7	1011·8	−0·6	288·6	297·0	14th	277·9	275·0	9th, 19th	283·3	−0·8	*283·9*	33	− 1
242	Helsingfors	60 10	24 57	11·7	..	1013·4	+1·4	291·4	299·5	15th	283·1	275·9	20th	287·2	+0·7	287·5	40	− 2
242a	Kuopio	62 54	27 40	99·7	..	1013·8	+1·0	291·3	303·0	13th	283·0	274·0	25th	287·1	−0·6	*286·3*	69	..
243	Kola	68 53	33 1	6·7	..	1012·3	+0·1	..	297·3	13th	..	275·1	18th, 19th	..	−1·7	*280·4*	71	+54
244	Petrozavodsk	61 47	34 23	38·9	..	1012·6	+0·1	..	299	..	..	274	..	..	−0·2	*286·4*	..	..
245	Arkhangelsk	64 33	40 32	6·7	..	1011·2	−0·8	..	297	..	..	274	..	..	−1·1	*284·0*	61	+23
246	Velsk	61 5	42 7	? 83	..	..	..	..	..	..	..	..	..	..	..	..	..	..
247	Oust-Tsylma	65 27	52 10	? 25	..	1009·8	−2·7	..	293	..	..	271	..	..	−1·9	*281·6*	..	..
248	Troitsko-Petcherskoe	62 42	56 13	? 123	..	..	..	..	..	..	..	..	..	..	..	..	..	..
249	Berezov	63 56	65 4	39·9	..	..	..	..	..	..	..	..	..	..	..	..	..	..
250	Obdorsk	66 31	66 35	23·7	..	..	..	..	..	..	..	..	..	..	..	..	..	..
251	Sourgout	61 15	73 24	? 40	..	..	..	..	..	..	..	..	..	..	..	..	..	..
252																		
253	Touroukhansk	65 55	87 38	? 40	..	..	..	..	..	..	..	..	..	..	..	..	..	..
254	Doudinka	69 7	87 0	? 20	..	..	..	..	..	..	..	..	..	..	..	..	..	..
261	Olekminsk	60 22	120 26	? 135	..	..	..	..	..	..	..	..	..	..	..	..	..	..
262	Iakoutsk	62 1	129 43	? 108	..	..	..	..	..	..	..	..	..	..	..	..	..	..
263	Verkhoïansk	67 33	133 24	? 100	..	..	..	..	..	..	..	..	..	..	..	..	..	..
264	Oust-Maïskoe	60 25	134 29	? 100	..	..	..	..	..	..	..	..	..	..	..	..	..	..
271	Markovo sur Anadyr	64 45	177 50	? 20	..	..	..	..	..	..	..	..	..	..	..	..	..	..
272	Novo-Mariinskii Post	64 45	177 33	5·2	..	..	..	..	..	..	..	..	..	..	..	..	..	..
		N. ° ′	E. ° ′	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.

* Mean of max. and min. or of observations at fixed hours. † Computed means for the 24 hours are in *italics*.

JUNE—ZONE 3.

Table representing the Meteorology of the Globe between Latitude 60° N. and 50° N.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure: Mean at Level of Station.	Pressure: Mean at M.S.L.	Pressure: Diff. from Normal.	Temperature: Mean Max.	Temperature: Absolute Max.	Temperature: Date.	Temperature: Mean Min.	Temperature: Absolute Min.	Temperature: Date.	Temperature: *Mean.	Temperature: Diff. from Normal.	Temperature: †24 hr. Mean.	Precipitation: Total.	Precipitation: Diff. from Normal.
301																		
302		° N. ′	° W. ′	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.
303	Dutch Harbour	53 54	166 32	4·0	..	1010·1	..	286·0	290·8	25th, 30th	277·5	273·6	13th	281·8	..	..	106	..
304																		
305																		
306																		
307																		
308																		
309	Sitka	57 4	135 20	27	..	1015·2	+2·0	286·1	292·4	19th	278·5	274·1	10th	282·3	−1·3	..	88	+ 4
310	Prince Rupert	54 18	103 18	52	..	..	..	..	..	..	..	..	..	..	..	..	..	..
311	Barkerville	53 2	121 35	1274	..	1012·5	..	286·6	296·9	10th	275·6	269·7	12th	281·1	−1·6	*281·1*	90	0
312	Kamloops	50 41	120 29	380	..	1012·2	−1·0	296·5	308·8	10th	283·5	278·8	20th	290·0	−0·6	*289·9*	30	− 2
313	Calgary	51 2	114 2	1033	..	1010·1	0·0	295·2	303·6	26th	279·2	271·9	2nd	287·2	+2·8	*287·4*	39	−44
314	Fort Chipewyan	58 42	111 10	218	983·7	1009·3	..	293·1	299·1	10th	280·8	273·0	1st	287·0	..	*287·8*	75	..
315	Prince Albert	53 10	106 0	437	..	1010·8	+1·0	295·8	304·9	26th	281·7	269·4	1st	288·8	+1·6	*289·2*	9	−58
316	Qu'Appelle	50 30	103 47	645	..	1011·2	+0·4	295·2	306·9	20th	283·2	270·2	1st	289·2	+1·4	*289·3*	136	+37
317	Minnedosa	50 15	99 50	518	..	1012·8	..	298·6	310·2	28th	283·8	271·9	1st, 2nd	291·2	+2·9	*290·9*	67	−20
318	Berens River	52 18	97 23	216	..	..	..	296·9	306·3	..	285·3	273·0	..	291·1	..	*290·6*	58	..
318a	York Factory	57 0	92 28	11	1014·1	1015·4	+1·2	..	300·8	11th	279·4	268·6	3rd	..	..	*286·1*	..	..
319	Fort Hope	51 32	87 48	? 270	984·3	1016·1	..	296·3	305·8	29th	282·1	271·3	2nd	289·2	+3·8	..	32	−13
320	Moose Factory	51 16	80 56	9	1013·1	1014·2	..	293·4	303·6	26th	279·1	269·1	3rd	286·3	+0·4	..	33	−30
321																		
322																		
323	Hebron	58 12	62 21	15·0	1013·1	1014·9	+3·5	279·1	290·8	..	274·5	271·0	..	276·8	−0·9	..	78	..
324	Nain	56 33	61 41	4·2	1014·4	1014·9	+4·0	..	..	..	274·1	269·9	..	276·4	..	..	55	..
325																		
326	Point Riche	50 42	57 25	10·7	..	..	..	..	286·9	3rd, 11th	..	275·8	5th	281·1	−0·2	..	53	−21
327																		
328																		
329																		
330																		
331																		
332																		
333																		
334	Valencia	51 56	10 15	13·7	1011·3	1012·9	−3·1	289·4	293·0	19th	284·4	279·1	3rd	286·9	+0·1	286·7	76	−15
335	Aberdeen	57 10	2 6	27·4	1010·0	1013·3	−2·1	287·2	290·8	10th	281·6	278·0	5th	284·4	−0·8	284·4	17	−30
336	Greenwich	51 28	W 0 0	48	1006·7	1012·4	−3·7	294·7	300·8	20th	283·9	279·7	16th	289·3	+0·6	288·7	53	+ 1
337	Uccle	50 48	E 4 22	100	1000·4	1012·3	−3·9	294·8	301·8	6th	285·1	281·0	27th	290·0	+0·9	289·6	64	− 5
338	De Bilt	52 6	5 11	3·0	1011·7	1012·1	−4·2	294·7	304·1	7th	285·2	280·4	27th	290·0	+1·5	289·4	78	+17
338a	Hamburg	53 33	9 59	26·0	1008·7	1011·7	−3·4	295·0	303·6	11th, 12th	286·7	282·5	20th, 21st	290·9	+1·9	290·8	80	+ 6
339	Copenhagen	55 41	12 36	5·0	1011·5	1012·1	−1·9	292·4	297·9	15th	285·9	282·5	2nd	289·2	+1·3	289·3	34	−17
340	Potsdam	52 23	13 4	84·9	1001·4	1011·5	−3·6	298·0	305·0	12th	285·7	278·0	21st	291·9	+2·0	291·3	60	+ 3
340a	Upsala	59 51	17 38	24·0	1009·5	1012·3	−0·3	294·3	301·5	15th	281·1	272·7	20th	287·7	+1·2	288·2	57	+ 9
341	Warsaw	52 15	21 1	120	997·5	1012·5	−1·3	298·6	304·0	4th	288·3	279·0	21st	293·5	+1·9	*293·1*	46	−22
342	Jurjev	58 23	26 43	74·5	1005·1	1014·0	+1·6	294·0	305·0	15th	282·3	276·5	20th	288·2	−0·3	287·9	79	+24
343	Petrograd	59 56	30 16	4·8	..	1013·6	+1·2	..	301	..	..	276	..	..	+0·4	*288·2*	30	−18
344	Kiev	50 27	30 30	183·1	992·3	1013·7	+1·1	?301·4	..	..	287·5	279·3	22nd	?294·5	+3·0	293·3	30	−32
344a	Moscow	55 45	37 34	156	995·5	1014·0	+2·1	296·0	304·5	16th	282·6	275·8	22nd	289·3	−0·7	289·6	67	+14
345	Saratov	51 32	46 1	59·9	..	1011·6	+1·0	..	304	..	..	279	..	..	+0·9	*293·5*	48	+ 9
346	Kazan	55 47	49 8	79·8	1001·5	1011·0	+0·3	..	305·8	15th	..	275·8	11th	..	−0·3	*289·9*	76	+19
347	Orenburg	51 45	55 6	114·1	..	1011·1	−0·9	..	304	..	..	277	..	..	+0·2	*292·0*	27	−24
348	Perm	58 1	56 15	163·0	..	1008·8	−0·7	..	301	..	..	275	..	..	−1·4	*286·9*	128	+63
349	Ekaterinburg	56 50	60 38	288·9	..	1008·3	−2·6	..	302	..	..	272	..	..	−0·9	*286·6*	64	− 9
350	Tobolsk	58 12	68 14	108·3	..	..	..	..	..	..	..	..	..	..	..	..	..	..
351	Akmolinsk	51 12	71 23	? 347	..	..	..	..	..	..	..	..	..	..	..	..	..	..
352	Omsk	54 58	73 23	90	..	1006·2	−3·3	..	306·4	23rd	..	277·4	15th	..	−1·7	*287·7*	30	−22
353	Barnaoul	53 20	83 47	162·2	..	1008·8	−1·4	..	303·0	25th	..	280·2	16th, 18th	..	−1·9	*288·8*	86	+46
354	Tomsk	56 30	84 58	121·6	..	1008·1	−1·1	..	302·0	25th	..	278·0	18th	..	−1·5	*286·8*	81	+ 9
355	Minousinsk	53 43	91 41	? 245	..	..	..	..	..	..	..	..	..	..	..	..	..	..
356	Eniseisk	58 27	92 11	84·4	..	..	..	..	..	..	..	..	..	..	..	..	..	..
357	Irkutsk	52 16	104 19	467·0	..	1010·2	+0·7	..	300·9	29th	..	278·2	3rd	..	−1·7	*286·4*	33	−16
358	Kirensk	57 47	108 7	? 263	..	..	..	..	..	..	..	..	..	..	..	..	..	..
359	Tchita	52 2	113 30	663·7	..	1008·4	..	..	301·8	27th	..	278·2	3rd	..	..	..	..	..
360	Blagoveshchensk Priisk	58 10	114 17	? 490	..	..	..	..	..	..	..	..	..	288·6	..	..	83	..
360a	Nertchinsk	51 59	116 35	484·3	..	1001·7	−4·8	..	299·7	28th	..	280·5	3rd, 21st	..	−1·1	*287·8*	76	+11
361	Tygan Ourkan	54 5	124 46	? 370	..	..	..	..	300·3	13th	280·1	272·1	24th	..	..	*288·0*	63	..
362	Blagoveshchensk	50 15	127 38	133·6	..	..	..	..	..	..	..	..	..	..	..	..	..	..
363	Paikanskii Sklad	50 11	130 7	? 168	..	..	..	..	299·5	17th	282·3	273·7	12th	..	..	*288·4*	..	..
364																		
365	Nikolaevsk-sur-Amour	53 8	140 45	21·2	..	..	..	..	294·6	26th	..	277·1	11th	..	−0·2	*285·3*	0	−42
366	Okhotsk	59 21	143 17	6·0	..	..	..	..	..	..	..	..	..	..	..	..	..	..
367																		
368	Petropavlovsk Phare	52 53	158 47	87·1	..	..	..	..	..	..	..	..	..	..	..	..	..	..
369		N.	E.															
370																		
371																		
372		° ′	° ′	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.

* Mean of max. and min. or of observations at fixed hours. † Computed means for the 24 hours are in *italics*.

JUNE—ZONE 4.

Table representing the Meteorology of the Globe between Latitude 50° N. and 40° N.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure: Mean at Level of Station.	Pressure: Mean at M.S.L.	Pressure: Diff. from Normal.	Temperature: Mean Max.	Temperature: Absolute Max.	Temperature: Date.	Temperature: Mean Min.	Temperature: Absolute Min.	Temperature: Date.	Temperature: *Mean.	Temperature: Diff. from Normal.	Temperature: †24 hr. Mean.	Precipitation: Total.	Precipitation: Diff. from Normal.
		° N. ′	° W. ′	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.
411	Victoria, B.C.	48 24	123 19	25·9	1014·2	1017·3	+1·2	291·4	297·6	4th, 10th	282·4	278·2	3rd	286·9	+0·5	286·3	24	+ 1
412	Portland, Oregon	45 32	122 41	46·6	1012·5	1017·9	+0·7	293·7	307·4	10th	283·7	279·7	3rd	288·7	−0·6	*288·3*	41	− 4
413	Macleod	49 44	113 24	954	..	..	..	296·7	305·8	27th	281·8	274·7	2nd	289·2	+2·0	*289·4*	20	− 5
414	Helena	46 34	112 4	1253	871·9	1011·5	−0·3	297·4	308·6	26th	281·9	272·4	3rd	289·7	+0·8	*289·9*	48	− 5
414a	Salt Lake City	40 46	111 54	1329	864·2	1038·8	−2·0	301·3	307·4	27th	288·2	280·8	3rd	294·8	+1·6	*295·5*	4	− 15
415	Cheyenne	41 8	104 48	1856	813·7	1011·5	+1·0	298·3	305·8	19th	281·8	275·8	9th	290·1	+0·7	*290·4*	19	− 21
416	North Platte	41 8	100 45	859	916·5	1013·9	+2·7	300·5	309·7	21st	286·2	277·4	11th	293·4	+2·6	*293·6*	70	− 13
416a	Bismarck	46 47	100 38	510·6	954·0	1013·5	+2·0	300·9	312·4	20th	286·1	274·7	2nd	293·5	+2·6	*293·6*	75	− 15
417	Winnipeg	49 53	97 7	231·6	..	1013·9	+1·8	300·8	310·3	21st	285·7	272·7	2nd	293·2	+3·5	292·9	60	− 27
418	Duluth	46 47	92 6	345·1	975·4	1015·9	+2·7	298·1	309·1	28th	285·1	274·7	4th	291·6	+4·3	*291·5*	3	− 112
419	Port Arthur	48 27	89 12	196·3	..	1015·6	+1·1	296·4	309·1	28th	283·4	273·0	3rd	289·9	+3·3	*289·8*	14	− 62
420	Chicago	41 53	87 37	250·9	986·4	1015·9	+1·4	296·9	305·8	17th	289·3	279·1	3rd	293·1	+1·1	*292·9*	23	− 70
421	Toronto	43 40	79 24	106·7	1001·1	1013·8	−0·2	297·1	307·1	22nd	285·2	278·1	4th	291·1	0·0	291·6	27	− 44
422	New York	40 43	74 0	95·7	1002·0	1013·2	−2·0	297·1	305·8	23rd	288·8	281·9	1st	293·0	−0·3	293·4	130	+ 47
423	St. John, N.B.	45 17	66 4	21·3	..	1012·5	−2·4	290·6	297·3	14th	283·6	277·1	5th	287·1	+0·8	*286·6*	102	+ 24
424	S. W. Point, Anticosti	49 24	63 35	9·1	1009·8	1010·9	−1·5	288·8	292·4	..	276·8	269·7	..	282·8	+0·3	..	142	+ 83
425	Sable Island (Main Station)	43 57	60 6	7·6	1013·5	1014·4	..	286·9	289·7	..	281·9	278·0	..	284·4	+0·8	..	129	+ 42
426	St. Johns, Newfoundland	47 34	52 42	38·1	..	1010·8	−3·2	288·3	294·1	4th, 27th	279·5	272·4	7th	283·9	+1·1	..	136	+ 37
435	Madrid	40 24	3 41	655·4	940·5	1014·6	−1·2	302·4	310·9	20th	284·7	278·1	4th	293·6	−0·2	293·3	4	− 26
436	Nantes	47 15	W 1 34	41·4	1010·0	1014·9	−3·0	294·6	302·7	20th	284·5	280·0	15th	289·6	−0·5	*289·4*	40	− 16
437	Paris (Parc St. Maur)	48 49	E 2 29	50·3	1007·4	1013·4	−3·4	294·6	300·4	21st	285·0	280·2	15th	289·8	−0·1	289·4	96	+ 42
438	Marseilles	43 18	5 23	75	1004·0	1012·9	−2·1	298·6	303·2	18th	286·9	283·5	1st	292·8	−0·1	*292·7*	22	− 4
438a	Zurich	47 23	8 33	493·2	956·7	1013·7	−3·4	295·6	302·1	9th	284·7	281·7	19th	290·2	−0·2	289·4	204	+ 70
439	Rome	41 54	12 29	63·4	..	1013·0	−2·8	299·3	302	26th, 29th	289·6	286	1st	294·4	−0·2	*294·6*	75	+ 34
440	Vienna	48 15	16 22	202·5	988·3	1012·0	−2·7	295·4	299·7	4th	286·4	280·8	21st	290·9	+0·5	290·9	97	+ 27
440a	Buda-Pesth	47 30	19 2	112·5	996·7	1012·0	−2·1	298·6	302·6	30th	287·2	279·6	22nd	292·9	+1·3	*292·9*	84	+ 8
441	Bucharest	44 25	26 6	82	1002·0	1011·6	−0·7	299·6	306·8	27th	288·1	282·2	22nd	293·9	+0·1	*293·3*	260	+175
442																		
443	Odessa (University)	46 29	30 46	65·3	1004·9	1012·6	−0·8	297·5	304·0	17th	289·5	281·9	22nd	293·5	+0·1	*293·1*	55	− 3
444	Kharkov (University)	50 0	36 14	140	..	1014·2	+1·7	..	305	..	..	279	..	293·0	+0·9	*292·3*	51	− 4
444a	Novorossiisk	44 40	37 49	37	..	1011·1	−2·4	..	305	..	..	284	..	294·4	+0·2	*293·8*	108	+ 58
445	Tiflis	41 43	44 48	409	..	1012·2	+0·2	..	303	..	..	283	..	294·8	+0·1	*294·4*	109	+ 41
446	Astrakhan	46 21	48 2	−14	..	1012·8	+0·7	..	305	..	..	282	..	296·6	+0·2	*296·1*	35	+ 18
447	Fort Alexandrovsk	44 31	50 16	24	..	..	..	..	..	..	..	..	..	..	..	..	..	..
448	Krasnovodsk	40 0	52 59	−15	..	1010·0	−1·3	..	308	..	..	285	..	299·4	+1·0	*298·8*	..	..
449	Tachkent	41 20	69 18	478·3	..	1009·0	+1·6	..	309·3	24th	..	288·4	25th	..	..	*296·9*	9	+ 1
450	Irgiz	48 37	61 16	112	..	..	..	..	..	..	..	..	..	..	..	..	..	..
451	Narynskoe	41 26	76 2	?2015	..	..	..	..	..	..	..	..	..	..	..	..	..	..
452	Vernyi	43 16	76 53	824·8	..	..	..	..	..	..	..	..	..	..	..	..	..	..
461	Mukden	41 48	123 23	43·8	997·3	1002·4	−1·9	299·4	308·0	30th	287·5	282·5	27th	293·5	−0·9	293·3	141	+ 51
462	Joshin	40 40	129 11	4·0	1003·5	1004·0	−2·7	294·1	303·3	20th	285·4	282·4	15th	289·8	+0·5	289·2	130	+ 57
463	Vladivostok	43 7	131 54	15·7	..	1004·0	−5·8	..	298·5	23rd	..	281·3	17th	..	..	*287·0*	34	− 14
464																		
465	Ochiai	47 20	142 44	15·0	1007·0	1008·8	..	289·0	300·3	25th	279·0	274·1	16th	284·0	..	283·6	86	..
466	Nemuro	43 20	145 35	26·7	1006·1	1009·3	−1·1	287·3	296·5	21st	280·5	277·3	1st	283·9	+0·8	283·1	81	− 17
		N.	E.															

Between Latitude 40° N. and 30° N.

JUNE—ZONE 5 (Western Half).

		N.	W.															
511	San Francisco	37 48	122 26	47·2	1009·7	1015·2	+0·7	289·6	296·3	9th	283·0	281·9	8th	286·3	−0·6	*285·6*	1	− 5
512	San Luis Obispo	35 18	120 39	61·3	1008·1	1015·6	+1·4	294·1	303·0	24th	281·6	279·1	7th	287·8	−0·9	*287·4*	0	− 3
513	Modena	37 48	113 54	1670	831·9	1008·8	−1·0	301·7	306·9	26th	281·9	276·9	15th	291·8	+1·4	*292·1*	0	− 11
514	San Diego	32 43	117 10	26·5	1010·5	1013·5	+0·3	291·9	294·7	19th	287·4	285·2	30th	289·7	−1·0	*289·5*	0	− 1
515	Santa Fé	35 41	105 57	2138	789·2	1009·1	−0·3	299·0	303·0	19th	284·4	279·7	11th	291·7	−0·3	*291·9*	14	− 13
516	Denver	39 45	105 0	1613	837·2	1011·2	+0·7	301·7	308·0	23rd	284·3	278·6	3rd	293·0	+0·9	*293·3*	5	− 32
517	Abilene	32 23	99 40	529·6	952·2	1011·5	−0·3	308·1	313·6	2nd	293·4	285·2	12th	300·8	+2·1	*300·7*	19	− 61
518	Saint Louis	38 38	90 12	172·8	994·6	1014·9	+0·7	300·1	305·8	26th	290·7	281·3	3rd	295·4	−1·6	*295·3*	108	− 5
519	Mobile	30 41	88 2	17·4	1012·5	1014·5	−1·0	303·1	307·4	18th	294·4	290·8	10th	298·7	−0·4	*298·3*	165	+ 14
520	Nashville	36 10	86 47	166·4	995·8	1015·2	−0·3	300·6	305·2	24th	290·1	283·6	3rd	295·3	−2·3	*295·0*	168	+ 58
521	Charleston	32 47	79 56	14·6	1013·6	1015·2	−1·0	301·7	308·0	19th	294·6	288·6	1st	298·2	−0·7	*297·8*	100	− 37
522	Washington	38 54	77 3	34·1	1009·8	1013·9	−2·0	298·9	307·4	21st	289·0	280·2	3rd	293·9	−1·7	*293·7*	121	+ 14
523																		
524	Bermuda	32 17	64 30	46·0	..	1022·3	+2·7	298·2	300·3	22nd, 30th	292·9	286·9	13th	295·6	−1·2	..	22	−110
531	Horta	38 32	28 38	30	..	1025·0	+2·6	294·4	298	29th	289·6	287	1st, 20th	292·0	+0·1	..	25	− 5
532	Ponta Delgada	37 45	25 41	17	1023·1	1025·1	+1·5	293·8	296·6	29th	289·5	287·1	12th	291·7	−0·3	..	26	+ 10
533	Madeira (Funchal)	32 38	16 55	25	1017·9	1020·8	−0·4	294·7	297·0	19, 20, 21	286·2	283·4	4th	290·4	−0·7	*291·6*	3	− 9
534	Lisbon	38 43	9 9	95	1006·1	1017·4	−0·2	296·0	310·5	19th	288·1	284·9	3rd	292·1	−0·3	*291·7*	11	− 9
535	Casablanca	33 37	7 35	? 17	1014·8	1016·8	..	295·6	297·9	..	290·8	287·5	..	293·2	+0·5	*293·6*	3	0
536	Gibraltar	36 6	5 21	16·2	1012·7	1014·6	−1·4	299·0	306·0	26th	..	..	..	..	+0·3	*293·9*	3	− 11
		N.	W.															
		° ′	° ′	metres	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.

* Mean of max. and min. or of observations at fixed hours. † Computed means for the 24 hours are in *italics*.

JUNE—ZONE 5 (Eastern Half).

Table representing the Meteorology of the Globe between Latitude 40° N. and 30° N.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure: Mean at Level of Station.	Pressure: Mean at M.S.L.	Pressure: Diff. from Normal.	Temperature: Mean Max.	Temperature: Absolute Max.	Temperature: Date.	Temperature: Mean Min.	Temperature: Absolute Min.	Temperature: Date.	Temperature: *Mean.	Temperature: Diff. from Normal.	Temperature: †24 hr. Mean.	Precipitation: Total.	Precipitation: Diff. from Normal.
		° N.	° E.	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.
537	Algiers	36 47	3 4	38·5	1010·3	1014·8	−1·2	299·5	306·6	26th	290·5	286·5	5th	295·0	−0·6	*294·6*	22	+ 11
538	Palma	39 33	2 42	23	1012·3	1015·0	−1·5	299·8	305·2	26th	289·8	286·4	4th	294·8	+0·2	..	28	+ 6
538*a*	Tunis	36 48	10 10	43	..	1015·9	−1·2	303·7	314	26th, 30th	288·0	285	sev. dates	295·8	−0·4	..	4	− 9
539	Malta	35 54	14 31	59	..	1015·5	−0·9	297·7	302	26th, 27th	291·0	289	sev. dates	294·4	−1·1	..	0	− 3
540	Catania	37 30	15 3	54·9	1007·6	1015·2	−0·2	299·9	306·4	24th	290·5	288·4	6th	295·2	−0·2	..	7	+ 1
541	Athens	37 58	23 43	107·1	..	1011·8	−1·2	300·8	308	28th	291·4	289	3, 5, 23	296·1	−1·3	*295·7*	22	+ 9
542	Alexandria	31 9	29 54	32·0	..	1013·0	+0·4	300·2	309	6th	291·9	290	4th	296·0	−1·2	*295·4*	0	0
543	Cairo (Helwan)	29 52	31 20	115·6	..	1011·5	−0·7	306·9	315	7th	292·4	288	3rd	299·6	−0·4	299·6	0	0
544	Nicosia	35 12	33 24	152	..	1008·4	−1·7	306·6	313·0	29th	287·8	284·1	2nd	297·2	−0·9	*296·3*	18	+ 5
544*a*	Beirut	33 54	35 28	52·4	..	1009·6	−0·8	300·7	306	8th	293·1	289	7th	296·9	−0·4	..	0	− 4
545	Baghdad	33 21	44 28	38·7	998·6	1002·9	−2·0	313·9	317·9	13th	297·2	294·3	24th	305·6	+1·1	..	0	0
546	Lenkoran	38 46	48 52	−19	..	1011·6	+0·7	..	304	..	..	287	..	..	0·0	*296·3*	30	+ 7
547	Busrah	30 31	47 53	7·6	1000·8	1001·5	−2·0	308·9	312·2	30th	300·6	298·1	25th	304·7	−0·6	..	0	0
548	Meshed	36 16	59 35	946	904·0	1008·3	..	304·3	309·9	21st	283·9	279·8	18th	294·1	−2·4	..	3	− 5
549	Quetta	30 11	67 3	1677	827·9	..	+0·3	306·9	309·4	26th	287·3	281·1	19th	297·1	+0·3	*296·7*	0	− 4
550																		
551	Lahore	31 34	74 20	214	975·4	998·8	+0·6	313·9	320·4	10th	300·5	295·9	18th	307·2	+0·2	*307·0*	89	+ 42
551*a*	Simla	31 7	77 8	2205	778·6	..	+1·1	295·4	299·9	10th	289·0	284·8	1st	292·2	−0·6	*291·8*	193	+ 17
552	Leh	34 10	77 42	3503	665·4	..	+0·1	295·8	300·3	15th	280·3	276·1	6th	288·1	+0·2	*287·5*	2	− 2
552*a*	Dehra Dun	30 20	78 0	681	926·9	1001·0	+0·5	306·7	313·3	10th	296·6	293·0	24th	301·7	−0·1	*300·9*	130	− 84
559	Hang Kow	30 35	114 17	37·0	1001·5	1005·7	+0·4	302·9	309·2	24th	294·6	290·4	8th	298·8	−0·3	*298·4*	136	− 42
560	Tiensin	39 10	117 10	5·0	1003·1	1003·7	−0·9	303·8	310·2	26th	291·2	285·6	5th	297·5	−0·2	..	91	+ 16
561	Shanghai (Zi-Ka-Wei)	31 12	121 26	7	1004·8	1005·6	−0·2	301·6	309·6	21st	293·3	287·8	8th	297·4	+0·5	296·5	285	+114
562	Jinsen (Chemulpo)	37 29	126 32	67·0	998·4	1006·3	−0·6	295·0	301·0	30th	288·4	285·6	5th	291·7	−1·8	291·2	150	+ 25
562*a*	Nagasaki	32 44	129 52	133·0	992·8	1008·3	−0·4	297·6	301·6	18th	291·5	287·2	5th	294·5	−0·4	294·3	418	+ 85
563	Kioto	35 1	135 46	49·4	1002·7	1008·5	−0·9	299·8	304·4	4th	289·4	284·0	7th	294·6	+0·4	294·5	224	− 12
564	Tokio	35 41	139 45	21·3	1005·8	1008·3	−1·2	297·6	303·0	20th	290·3	286·8	8th	294·0	+0·2	293·7	113	− 53
565	Miyako	39 38	141 59	30·4	1004·9	1008·4	−1·5	295·3	303·8	28th	285·8	281·7	1st	290·6	+1·1	290·0	107	+ 93
566																		
		N.	E.															

JUNE—ZONE 6.

Between Latitude 30° N. and 20° N.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure: Mean at Level of Station.	Pressure: Mean at M.S.L.	Pressure: Diff. from Normal.	Temperature: Mean Max.	Temperature: Absolute Max.	Temperature: Date.	Temperature: Mean Min.	Temperature: Absolute Min.	Temperature: Date.	Temperature: *Mean.	Temperature: Diff. from Normal.	Temperature: †24 hr. Mean.	Precipitation: Total.	Precipitation: Diff. from Normal.
		° N.	° W.	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.
605	Honolulu	21 19	157 52	11·6	1016·9	1018·2	+0·5	299·6	301·3	..	294·1	291·9	..	296·9	−0·8	..	19	− 10
606																		
615	Zacatecas	22 47	102 33	2610	747·9	..	..	292·4	297·2	10th	283·7	281·8	26th	288·1	..	..	163	..
616	Leon	21 7	101 41	1798·6	822·4	..	+0·1	301·5	305·9	4th	288·5	284·8	1st	295·0	−0·3	..	190	+ 81
617	Galveston	29 18	94 50	16·5	1012·7	1014·5	+0·3	301·6	304·1	29th	296·9	292·4	23rd	299·2	−0·9	*299·0*	170	+ 50
618	New Orleans	29 58	90 4	15·6	1012·5	1014·2	−1·0	303·8	306·3	19th	294·6	291·3	10th	299·2	−0·2	*298·8*	240	+ 84
619	Havana	23 8	82 22	24·3	..	1016·4	+1·3	302·2	304·2	30th	295·9	294·8	24th, 26th	299·1	−0·6	*298·8*	111	− 63
620	Key West	24 33	81 48	6·7	1015·3	1015·9	+0·3	303·5	304·7	21st	297·9	295·2	22nd	300·7	−0·2	*300·7*	27	− 81
621	Nassau, Bahamas	25 5	77 21	7·6	1014·4	1015·3	−0·7	302·6	304·4	4th	296·8	293·0	24th	299·7	−0·4	..	141	− 35
622																		
633	Puerto de Orotava	28 25	16 32	? 100	..	..	..	294·4	295·1	..	288·7	285·6	..	291·6	−2·0	..	0	− 1
634	Las Palmas, Canary Islands	28 7	W15 26	7	1018·4	1019·2	−1·1	296·2	297·8	26th	290·5	288·2	1st	293·4	−1·0	..	1	− 1
637	Insalah	27 17	E 2 27	330	976·1	1012·7	−0·9	316·6	321·1	18th	296·4	285·8	12th	306·5	−0·8	*306·6*	0	..
638																		
641	Dakhla Oasis	25 30	29 0	130·0	..	1012·6	−0·4	313·1	320	8th	296·0	292	6th	304·6	+0·3	*305·6*	..	..
642	Wadi Halfa	21 55	31 20	128·3	..	1008·4	−0·4	314·4	319	8, 16, 17	296·4	291	1st	305·4	−0·2	*305·8*	..	..
643	Suez	29 57	32 32	3·4	..	1011·4	+0·3	307·6	312	1st	293·6	291	3rd	300·6	+0·8	..	0	0
644	Aswan	24 2	32 53	99·6	..	1011·4	+1·9	315·2	319	8th	297·5	293	5th	306·4	−0·2	*308·2*	..	..
647	Bushire	28 59	50 53	4	999·2	999·7	−0·9	304·9	307·9	19th	299·2	294·7	2nd	302·1	−1·1	..	0	0
648	Jask	25 44	57 47	4	998·5	999·1	−1·2	308·1	313·2	6th	302·2	300·1	9th	305·2	+0·3	..	0	− 1
649	Kurrachee	24 53	66 57	4	999·6	1000·1	−0·3	305·7	308·6	27th	300·5	297·4	29th	303·1	−0·3	*302·4*	58	+ 33
650	Hyderabad, Sind	25 24	68 18	29	995·5	998·7	−0·1	313·6	319·4	25th	300·5	296·9	28th	307·1	+0·2	..	65	+ 52
651	Jaipur	26 56	75 52	436	953·1	1000·8	+0·4	312·3	317·6	11th	299·9	295·0	6th	306·2	−0·1	*305·5*	29	− 23
652	Nagpur	21 8	79 5	310	967·7	1002·2	+0·2	308·2	315·0	4th	297·8	294·8	22nd	303·0	−1·3	*302·0*	411	+190
653	Allahabad	25 25	81 51	94	989·6	999·9	+0·6	310·8	316·9	5th	300·9	297·4	16th	305·8	−0·6	*305·1*	80	− 45
654	Calcutta	22 36	88 23	6	1001·2	1002·0	+1·2	306·2	309·8	3rd	298·7	296·1	4th	302·4	+0·1	*302·2*	165	−125
655	Gauhati	26 8	91 41	59	997·7	1004·3	..	304·4	307·1	27th	297·7	295·8	10th	301·1	..	..	285	− 89
655*a*	Cherrapunji	25 15	91 42	1314	863·7	..	..	294·6	298·7	25th	289·3	284·7	4th, 5th	292·0	..	..	2949	+639
656	Shillong	25 33	91 48	1500	845·2	..	..	296·0	297·9	30th	290·3	288·4	3rd, 4th	293·2	..	..	486	+ 50
656*a*	Akyab	20 11	92 56	6	1004·7	1005·4	+0·9	303·1	307·4	12th, 25th	298·2	296·3	5th	300·6	−0·2	*300·7*	1132	− 13
657	Phu Lien	20 48	106 37	115·6	992·0	1005·2	+1·4	305·0	308·9	29th	298·0	293·6	19th	301·5	−0·6	300·6	185	− 22
658	Moncay	21 31	107 51	10	1004·4	1005·5	+1·6	305·2	308·6	29th	297·9	295·2	11th	301·6	+0·3	*300·9*	538	+ 18
659																		
660	Hong Kong	22 18	114 10	33·2	..	1007·6	+1·6	303·5	305·7	27th	299·0	295·9	2nd	301·3	+0·9	300·9	462	− 46
661	Taihoku, Formosa	25 2	121 31	9·3	1007·4	1008·4	+1·6	306·2	307·9	16th	296·3	294·0	10th	301·3	+1·0	300·6	114	−145
662	Naha	26 13	127 41	10·5	1009·6	1010·8	+2·2	304·3	306·9	30th	297·8	293·9	1st	301·0	+1·8	300·6	205	− 94
		N. ° ′	E. ° ′	metres.	mb.	mb.	mb	a.	a.		a.	a.		a.	a.	a.	mm.	mm.

* Mean of max. and min. or of observations at fixed hours. † Computed means for the 24 hours are in *italics*.

JUNE—ZONE 7.

Table representing the Meteorology of the Globe between Latitude 20° N. and 10° N.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure: Mean at Level of Station.	Pressure: Mean at M.S.L.	Pressure: Diff. from Normal.	Temperature: Mean Max.	Temperature: Absolute Max.	Temperature: Date.	Temperature: Mean Min.	Temperature: Absolute Min.	Temperature: Date.	Temperature: *Mean.	Temperature: Diff. from Normal.	Temperature: †24 hr. Mean.	Precipitation: Total.	Precipitation: Diff. from Normal.
		° N.	° W.	metres.	mb.	mb.	mb.	a.	a.		a	a.		a.	a.	a.	mm.	mm.
715	Zapotlanejo	19 38	103 37	..	..	..	..	..	305·0	..	..	286·0	..	..	..	..	430	..
716	Morelia	19 42	101 7	1951	809·6	..	..	296·1	301·0	13, 14, 15	286·5	283·0	14th	291·3	..	*290·8*	134	..
717	Salina Cruz	16 12	95 12	56·3	1006·0	1012·5	..	..	306·2	26th	..	294·7	8th, 15th	..	..	*299·4*	83	..
718	Mexico	19 26	99 8	2280	780·3	..	+1·4	296·0	299·3	15th	285·2	282·6	13th	290·6	−1·0	289·6	124	+ 25
718*a*	Oaxaca	17 4	96 44	1563	846·8	..	..	299·4	302·4	2nd	288·1	283·6	12th	293·8	..	*292·8*	160	..
719	Belize	19 29	88 12	1·9	..	..	..	..	304·1	..	..	296·3	..	..	..	..	103	−185
720	San Salvador	13 44	89 9	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
721	Jamaica (Negril Point)	18 15	78 23	10·1	..	1014·5	+1·6	303·2	304·7	14th	294·6	292·0	25th	298·9	−0·8	*298·3*	129	− 30
722	Port au Prince	18 34	72 22	37·4	1011·1	1015·4	+1·0	306·4	308·6	..	295·8	294·1	..	300·6	..	..	97	..
723	St. Croix (Christiansted)	17 45	64 42	6·6	1014·2	1014·9	..	303·0	305·2	..	298·1	297·0	..	300·6	..	..	17	..
724	Grenada (Richmond Hill)	12 3	61 45	155·8	996·2	1014·1	+0·9	301·3	303·0	3rd	296·6	295·2	4, 8, 9	298·9	−0·1	*298·4*	270	+ 50
725	Barbados	13 8	59 36	55·2	..	1014·4	+2·0	302·8	304·3	..	298·1	294·8	..	300·5	+0·6	*300·3*	100	− 36
731	St. Vincent, C. Verde Is.	16 54	25 4	11	1014·2	1015·4	0·0	298·0	299·0	23, 28, 30	294·1	293·5	6, 8, 13	296·1	−0·6	..	0	0
732	San Tiago, C. Verde Is.	14 54	23 31	34	1011·9	1015·8	..	300·8	304·0	14th	295·1	294·0	5th, 6th	298·0	+0·3	..	0	0
733	Bathurst	13 24	16 36	1·5	..	1012·4	−0·2	303·3	308·0	15th	295·6	294·1	4, 6, 25	299·5	+0·1	*299·8*	29	− 47
734	M'Carthy Island	13 42	14 46	1·1	..	..	..	311·9	315·8	8th, 9th	296·2	293·6	2nd, 12th	304·1	+1·3	..	73	− 31
735	Ségou	13 34	6 17	272	..	..	..	310·8	315·0	16th	297·8	291·3	3rd	304·3	..	..	49	..
736	Timbuctoo	16 43	W 2 52	250	979·3	1006·7	−1·9	318·2	321·4	17th	299·0	295·8	7th	308·6	+1·1	*308·1*	9	..
737	Sokoto	13 2	E 5 14	354	..	..	..	309·7	312·4	12th	298·6	292·4	28th	304·1	+0·9	..	99	− 9
738	Kontagora	10 24	5 29	400	..	..	..	304·8	308·6	8th	294·8	291·9	3rd	299·8	−0·1	..	106	− 70
739	Maiduguri	11 48	13 12	361	..	..	..	310·3	313·6	5th	294·5	291·3	16th	302·4	−1·7	..	17	− 27
740	Katagum	12 17	10 22	30·7	..	..	..	310·5	313·0	10th	297·2	295·2	13th, 19th	303·8	+0·2	..	24	− 22
742	Kadugli	11 2	29 45	503	..	..	..	306·8	310·4	13th	294·1	291·5	16th	300·5	..	..	191	..
743	El Obeid	13 11	30 14	585	..	1009·9	−1·1	311·6	314	7th	296·1	293	23rd	303·8	+0·9	*304·4*	10	− 24
744	Khartoum	15 37	32 33	390	..	1008·2	−0·1	315·1	320	8th	298·8	293	24th	307·0	0·0	*307·2*	35	+ 23
746	Aden	12 45	45 3	28·7	1001·4	1004·5	−0·3	307·8	309·0	3rd	301·9	300·4	4th	304·9	+0·1	*304·6*	0	− 2
751	Bombay	18 54	°72 49	11·3	1002·3	1003·6	−1·7	303·7	308·0	3rd	299·3	297·2	23rd	301·5	−0·2	*300·8*	597	+128
752	Mysore	12 18	76 40	768	923·3	1008·6	−0·5	301·7	305·8	1st	292·8	291·6	9th	297·3	−0·4	*296·3*	49	− 25
752*a*	Kodaikanal	10 13	77 28	2343	768·0	..	−1·5	290·4	294·1	4th	285·0	283·6	30th	287·7	−0·6	287·0	234	+136
753	Madras	13 4	80 14	6·7	1004·0	1004·7	−1·0	309·4	313·3	1, 5, 6	300·1	295·8	23rd	304·8	−0·3	303·3	43	− 5
754	Waltair	17 45	83 16	68·9	994·8	1002·5	+0·3	304·5	308·9	4th	299·1	296·6	28th	301·8	..	*301·1*	158	+ 42
755	Port Blair	11 40	92 40	17·7	1005·1	1007·2	−0·2	302·7	304·8	1st, 6th	298·0	295·8	28th	300·4	−0·4	*299·7*	472	− 17
756	Rangoon	16 46	95 48	5·5	1006·7	1007·4	+0·5	303·3	305·3	2nd, 4th	298·3	296·8	4th	300·8	+0·3	*299·7*	352	− 94
757	Saigon	10 46	106 42	11·2	..	..	..	..	..	..	..	..	..	..	..	..	424	+121
758	Nhatrang	12 16	109 12	6·8	1006·3	1007·0	+0·7	305·9	308·3	18th	297·0	296·1	3rd	301·5	−0·2	..	97	+ 36
759	Bolinao	16 24	119 53	7·5	..	1007·8	+0·3	306·5	309·1	12th	297·4	296·0	23rd	302·0	+0·2	301·2	267	−129
760	Vigan	17 34	120 23	20	..	1008·3	+0·5	305·7	306·8	6th, 26th	297·3	294·4	17th	301·5	−0·2	300·9	238	−110
761	Manila	14 35	120 59	14·2	..	1008·4	+0·2	306·2	307·5	8, 10, 15	296·4	294·9	18th	301·3	−0·7	300·2	79	−160
762	Ormoc	11 0	124 36	5·6	..	1008·3	−0·3	304·5	306·8	12th	295·0	293·0	6th	299·8	−0·6	299·1	140	− 37
765	Guam, Ladrone Is.	13 24	144 38	20·4	..	1009·5	0·0	303·3	304·6	8th	298·1	296·2	14th	300·7	−0·3	..	123	+ 8
		N.	E.															

JUNE—ZONE 8.

Between Latitude 10° N. and 0°.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure: Mean at Level of Station.	Pressure: Mean at M.S.L.	Pressure: Diff. from Normal.	Temperature: Mean Max.	Temperature: Absolute Max.	Temperature: Date.	Temperature: Mean Min.	Temperature: Absolute Min.	Temperature: Date.	Temperature: *Mean.	Temperature: Diff. from Normal.	Temperature: †24 hr. Mean.	Precipitation: Total.	Precipitation: Diff. from Normal.
		° N.	° W.	metres.	mb.	mb.	mb.	a.	a.		a	a.		a.	a.	a.	mm.	mm.
805	Fanning Island	3 55	159 23	4·3	..	..	..	301·8	303·0	3rd	297·4	295·5	8th	299·6	−1·0	*299·1*	358	+105
819	Culebra	9 10	79 40	52·4	996·9	1010·8	+0·6	303·0	306·3	6th	295·2	294·1	17th	299·1	−0·2	..	283	+ 56
823	El Peru, Guayanavieja	7 30	62 0	? 300	985·9	..	..	303·4	306·2	3rd	293·7	292·3	23rd	298·6	..	..	266	..
825	Georgetown, Brit. Guiana	6 50	58 12	1·8	1013·1	1013·3	+0·3	302·6	304·1	20th, 30th	296·7	294·7	23rd	299·7	+0·2	..	374	+ 76
826	Paramaribo	5 49	55 9	4	1013·4	1013·8	+0·2	302·5	304·2	4th, 17th	296·0	294·5	26th	299·3	−0·4	*298·6*	391	+109
826*a*	Cayenne	4 56	52 21	6	..	..	..	302·1	303·6	26th	295·7	294·8	2nd, 17th	298·9	−0·4	*299·6*	605	+211
833	Conakry	9 31	13 43	16	1010·0	1011·8	−0·4	303·4	306·0	..	298·1	294·0	..	300·8	+1·1	*301·4*	326	−230
834	Sierra Leone	8 30	13 9	68·3	1004·1	1012·0	−0·6	305·1	307·3	26th	295·6	292·3	18th	300·4	+0·4	..	194	− 31
835	Cape Coast Castle	5 5	1 13	..	..	..	..	303·0	304·7	21st	295·2	292·4	6th	299·1	+0·1	..	237	+ 17
836	Accra	5 35	W 0 6	18	..	..	..	..	..	..	..	..	..	..	..	..	472	+307
837	Lagos	6 27	E 3 24	7·6	..	1011·1	−1·8	303·6	306·3	..	296·3	294·7	..	300·0	+1·1	..	424	− 69
838	Zungeru	9 48	6 10	130	..	1011·5	−1·4	305·1	308·0	10th	295·3	291·9	3rd	300·2	+0·2	..	141	− 19
838*a*	Libreville	0 23	9 26	35	..	..	..	304·4	308·1	12th, 20th	293·5	293·0	sev. dates	299·0	+0·8	..	81	+ 72
839	Yola	9 12	12 30	259	..	..	..	304·7	309·1	11th	295·6	293·6	17, 18, 25	300·2	−0·1	..	259	+106
841	Kafia Kingi	9 22	24 18	596	945·3	1009·4	..	305·7	308·4	5th	293·8	292·0	30th	299·8	..	..	127	..
842	Wau	7 42	28 3	440	..	1010·3	..	305·9	308·8	14th	294·6	292·2	30th	300·3	..	..	143	− 18
843	Entebbe	0 5	32 29	1171	883·5	..	−1·2	298·2	299·2	20th	290·0	287·9	5th	294·1	0·0	*293·8*	119	− 2
844	Nandi	0 2	35 5	2010	..	..	..	..	..	..	..	..	..	..	..	..	177	+ 10
845	Harrar	9 42	42 30	1856	..	..	..	296·5	298·0	sev. dates	287·2	286·0	sev. dates	291·9	..	..	37	..
851	Cothin	10 0	76 21	2·7	1008·9	1009·1	−0·3	302·4	305·6	3rd	296·3	294·8	25th	299·3	−0·2	*298·6*	744	+ 29
852	Colombo Observatory	6 54	79 53	7·3	1006·9	1007·7	−0·5	303·4	305·7	3rd	297·9	295·1	25th	300·7	0·0	*300·0*	214	− 18
853	Candy	7 18	80 40	504·5	..	..	..	301·3	305·4	4th	294·5	292·6	27th	297·9	+0·7	..	177	− 64
855	Medan	3 35	98 41	23·5	..	1008·9	−0·8	..	..	..	..	..	..	..	..	..	163	+ 33
856	Kota Radja	5 32	95 20	7·1	..	1008·9	−0·9	..	..	..	..	..	..	..	..	..	167	+ 69
857	Penang	5 34	100 20	4·9	1007·8	1008·3	−1·1	305·4	306·3	sev.	295·3	293·0	16, 20, 24	300·4	−0·4	..	185	− 4
858	Singapore	1 17	103 51	2·2	1008·5	1008·7	+0·1	303·8	305·1	1st	296·7	295·2	27, 29, 30	300·2	0·0	..	168	+ 3
860	Sandakan	5 49	118 12	..	..	..	..	303·7	305·2	17th	296·9	296·3	sev. dates	300·3	−0·3	..	45	+159
861	Tagbilaran	9 38	123 51	26·2	..	1007·4	−0·9	305·0	307·8	1st	296·8	295·4	21st	300·9	..	*299·9*	205	+ 68
862	Surigao	9 48	125 29	6	..	..	..	..	..	..	..	..	..	..	..	..	..	..
863	Yap	9 29	138 8	31·9	..	1007·9	−0·1	303·3	304·5	2nd, 25th	297·8	296·5	30th	300·6	−0·4	..	235	+ 4
869	Uyelang	9 42	161 3	<10	1009·5	..	−0·5	..	..	..	..	..	..	..	..	..	136	− 27
		N. ° ′	E. ° ′	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.

* Mean of max. and min. or of observations at fixed hours. † Computed means for the 24 hours are in *italics*.

JUNE—ZONE 9.

Table representing the Meteorology of the Globe between Latitude 0° and 10° S.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure: Mean at Level of Station.	Pressure: Mean at M.S.L.	Pressure: Diff. from Normal.	Temperature: Mean Max.	Temperature: Absolute Max.	Temperature: Date.	Temperature: Mean Min.	Temperature: Absolute Min.	Temperature: Date.	Temperature: *Mean.	Temperature: Diff. from Normal.	Temperature: †24 hr. Mean.	Precipitation: Total.	Precipitation: Diff. from Normal.
		° S. ′	° W. ′	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.
905	Malden Island	3 59	155 0	8·8	1010·0	1011·0	+1·0	305·1	305·8	15th	297·6	295·8	27th, 30th	301·4	0·0	*300·6*	8	− 35
906																		
923	Manaos	3 8	59 59	44·9	1004·9	1010·0	..	303·8	305·6	12th	296·9	295·4	19th	300·4	..	..	126	+ 70
929	Quixeramobim	5 16	39 18	207·0	990·3	1014·0	+0·9	301·9	303·5	29th	296·2	294·4	1st	299·1	−0·6	*298·8*	16	..
930	Fernando Noronha	3 51	W32 25	95	..	..	..	..	..	..	..	..	..	..	..	..	..	..
939	Sainte-Croix-des-Eshiras	1 44	E10 21	195	..	..	..	304·1	306·1	7th	292·7	288·5	30th	298·4	+1·3	..	32	+ 26
940	Loango	4 38	11 45	? 50	..	..	..	300·3	302·0	7th	294·7	292·5	25th	297·5	..	*297·1*	3	..
943	Daressalam	6 49	39 18	7·6	1015·4	1016·2	−0·9	300·5	301·9	4th	292·2	290·4	19th	296·4	−0·6	296·2	11	− 2
944	Nairobi	1 18	36 59	1660	..	..	..	292·7	297·4	24th	281·4	278·0	16th	287·1	−2·2	..	16	− 28
944*a*	Zanzibar	6 10	39 11	21·9	1015·6	1018·0	−0·4	300·7	301·8	3rd, 6th	296·2	295·3	13th	298·4	0·0	*297·8*	1	− 44
945																		
946	Lamu	2 16	40 54	3·0	..	..	..	..	....	..	..	..	..	..	..	..	79	− 90
947	Seychelles	4 37	55 27	4·6	1011·5	1012·0	0·0	300·3	301·4	..	297·8	296·8	..	299·1	+0·1	*298·4*	32	− 65
948																		
955																		
956	Padang	0 56	100 22	6·7	..	1010·5	−0·6	..	..	..	..	..	..	..	..	..	369	+ 35
957	Batavia	6 11	106 50	8	..	1009·0	−0·9	303·0	304·8	1st	296·4	295·1	3rd	299·7	+0·2	299·3	70	− 25
958	Pontianak	0 1	109 20	2·6	..	1007·9	−1·3	..	..	..	..	..	..	..	..	..	310	+ 85
959	Passeroean	7 38	112 56	5·0	1008·9	1009·5	−1·0	303·4	304·5	..	295·3	293·5	..	299·4	..	*299·4*	127	+ 57
960	Kajoemas	7 56	114 9	950	..	..	..	..	..	..	..	..	..	..	..	..	..	..
961	Koepang	10 10	123 34	3·3	..	1009·5	−1·1	..	..	..	..	..	..	..	..	..	1	− 8
962	Ambon	3 42	128 10	4·2	..	1008·9	−1·1	..	..	..	..	..	..	..	..	..	..	..
965	Daru	9 4	143 13	8	..	?1010·0	?−1·8	302·1	..	..	297·7	..	..	299·9	+1·0	..	905	+284
966	Port Moresby	9 29	147 9	39	..	1010·1	−0·7	302·4	..	..	297·2	..	..	299·8	+0·3	..	167	+ 50
967	Rakuranga	4 13	152 8	? 120	..	..	..	306·4	308·0	..	294·6	294·0	..	300·5	..	..	46	+ 23
968	Rendova	8 24	157 19	..	..	..	..	..	..	..	..	..	..	..	..	..	0.	..
969	Tulagi, Brit. Solomon Is.	9 5	160 8	53·6	1003·6	1009·8	−0·3	301·8	303·0	26th, 29th	296·9	295·2	13th	299·4	..	..	281	− 54
970	Ocean Island	0 52	169 36	485	..	1010·3	+1·9	304·6	305·5	10th	298·1	296·3	29th	301·3	+0·4	*300·6*	123	− 21
		S.	E.														51	− 91

JUNE—ZONE 10.

Between Latitude 10° S. and 20° S.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure: Mean at Level of Station.	Pressure: Mean at M.S.L.	Pressure: Diff. from Normal.	Temperature: Mean Max.	Temperature: Absolute Max.	Temperature: Date.	Temperature: Mean Min.	Temperature: Absolute Min.	Temperature: Date.	Temperature: *Mean.	Temperature: Diff. from Normal.	Temperature: †24 hr. Mean.	Precipitation: Total.	Precipitation: Diff. from Normal.
		° S.	° W.	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.
1001																		
1002	Apia, Samoa	13 49	171 45	4	1011·2	1011·6	+0·1	300·9	301·9	..	295·0	290·7	..	298·0	−0·3	*297·8*	95	− 52
1003	Alofi, Niue Island	19 2	169 55	36·6	1013·5	1017·7	+0·2	299·9	303·6	12th	291·7	288·6	15th, 28th	295·8	−0·3	..	75	+ 6
1004																		
1007	Makatea	15 47	148 14	39	1008·9	1013·4	+1·1	302·2	303·1	..	295·4	292·2	..	298·8	..	..	85	..
1008																		
1021	Puerto de Arica	18 28	70 20	5	1017·8	1018·4	..	294·1	296·2	sev. dates	285·0	282·2	14th	289·5	−1·1	*287·9*	..	..
1022	Arequipa	16 22	71 33	2451	761·7	..	+0·1	292·3	298·6	29th	282·4	280·2	14th	287·4	+0·7	..	0	− 1
1023																		
1024	Sucre, Bolivia	19 3	67 17	2844	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1025	Araguaya	15 33	52 59	488	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1026	Cuyaba	15 35	56 0	235	993·3	1020·3	−1·4	302·4	304·5	19th	294·1	292·5	14, 27, 29	298·3	+1·2	..	0	− 10
1027	Bello Horizonte	19 54	43 30	857	924·5	1022·4	..	296·9	299·5	..	280·7	277·5	..	288·8	..	..	0	..
1028	Cætite	14 2	42 37	900	917·9	1018·9	..	298·9	301·6	25th	287·8	285·3	1st	293·3	..	..	13	..
1029	Ondina	13 0	38 30	45·2	1008·9	1014·1	..	298·8	301·4	8th	294·8	293·5	15th	296·8	..	..	106	..
1030	Aracaju	10 55	37 4	4·3	1016·0	1016·5	..	301·1	303·1	8th	295·8	291·9	12th	298·5	..	..	65	..
1035	St. Helena	15 57	W 5 40	? 620	948·7	1020·5	−0·2	291·1	295·3	18th	286·1	284·7	23rd	288·6	−0·3	*288·4*	142	+ 43
1036																		
1041																		
1042	Gwelo	19 26	E 0 2	1416	861·8	..	−1·0	294·0	300·6	..	277·4	271·8	..	285·7	+0·1	..	1	− 1
1043	Salisbury, Rhodesia	17 48	31 5	1487	861·0	..	−0·2	294·2	299·3	..	278·6	274·7	..	286·4	0·0	..	0	− 1
1044	Zomba	15 23	35 18	954	911·7	1020·2	+0·8	294·8	301·3	1st	283·8	280·2	30th	289·3	−0·7	*287·5*	21	+ 5
1045	Tamatave	18 9	49 26	4	1019·4	1019·9	+0·4	298·2	303·0	..	290·5	288·2	..	294·4	−0·3	..	316	+ 47
1046	Tananarivo	18 55	47 32	1400	868·2	..	+0·4	293·2	297·5	2nd	281·8	278·3	14th	287·5	−1·2	286·6	2	− 5
1055	Cocos Keeling Is.	12 5	96 54	4·6	..	1010·6	−4·2	300·9	303·0	2nd, 25th	297·4	295·5	6th	299·2	−0·2	..	176	− 58
1056																		
1057	Christmas Is.	10 25	105 43	5·5	1007·0	1007·6	−1·4	302·4	304·2	..	296·2	294·6	..	299·3	−0·5	..	570	+412
1058																		
1061	Derby	17 18	123 40	16·2	..	1013·7	−0·3	302·7	305·8	18th, 19th	290·3	285·8	5th	296·5	+0·7	..	2	− 14
1062	Hall's Creek	18 13	127 46	373·6	..	1014·2	−2·0	301·2	306·6	29th	284·8	276·9	6th	293·0	+1·3	..	1	− 6
1063	Port Darwin	12 28	130 51	29·6	..	1011·1	−0·7	303·9	306·3	15th	294·0	290·7	4th, 5th	299·0	−0·1	*297·8*	0	− 4
1064	Daly Waters	16 16	133 23	210·6	..	1012·6	..	302·6	306·1	30th	286·9	281·6	5, 7, 8	294·8	+0·6	*294·1*	3	− 7
1065	Mein	13 13	142 57	121·9	..	1010·2	..	302·6	304·9	24th	291·1	283·1	26th	296·9	..	..	3	− 3
1066	Georgetown, Queensland	18 23	143 33	301·8	..	1014·3	..	301·4	304·7	30th	285·6	276·9	26th, 27th	293·5	..	..	2	− 9
1067	Samarai	10 37	150 40	6·4	1010·1	1010·9	−1·6	301·0	..	..	297·1	..	..	299·1	+0·5	..	407	+135
1068																		
1070	La Kolle	17 40	168 20	30	..	..	..	300·4	304·8	8th	292·5	287·6	22nd	296·5	..	..	210	..
1072	Suva, Fiji	18 8	178 26	13·4	..	1016·3	+1·1	299·2	302·2	10th	293·6	291·3	19, 22, 28	296·4	−0·4	..	251	+108
		° S. ′	° E. ′	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a	a.	mm.	mm.

* Mean of max. and min. or of observations at fixed hours.

† Computed means for the 24 hours are in *italics*.

JUNE—ZONE 11.

Table representing the Meteorology of the Globe between Latitude 20° S. and 30° S.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure: Mean at Level of Station.	Pressure: Mean at M.S.L.	Pressure: Diff. from Normal.	Temperature: Mean Max.	Temperature: Absolute Max.	Temperature: Date.	Temperature: Mean Min.	Temperature: Absolute Min.	Temperature: Date.	Temperature: *Mean.	Temperature: Diff. from Normal.	Temperature: †24 hr. Mean.	Precipitation: Total.	Precipitation: Diff. from Normal.
		° S. ′	° W. ′	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.
1105	Rarotonga (Avarua)	21 12	159 47	..	..	..	..	297·6	300·2	2nd, 21st	291·4	286·9	26th	294·5	..	..	149	+ 40
1106																		
1115	Mataveri, Easter Island	27 10	109 26	30	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1116																		
1121	Punta Tortuga, Coquimbo	29 56	71 21	27	1013·8	1017·1	−0·4	288·5	291·4	23rd	281·1	279·0	sev. dates	284·8	−0·7	*284·3*	11	− 36
1122	Puerto de Antofagasta	23 38	70 25	4	1015·3	1015·8	+1·0	296·6	297·6	4th	282·4	281·0	sev. dates	289·5	−0·3	*288·2*	0	− 5
1125	Goya	29 9	59 15	64	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1126	Porto Alegre	30 1	51 13	24·5	1015·0	1017·9	..	291·1	298·6	22nd	281·5	273·0	14th	286·3	..	*288·5*	120	+ 43
1127	Curityba	25 25	49 15	908	916·5	1020·2	−1·5	293·1	298·3	24th	281·3	272·3	14th	287·2	+1·8	*287·0*	67	− 30
1128	Rio de Janeiro	22 54	W43 10	61	1010·7	1017·9	−1·5	..	301·4	..	..	290·6	..	..	+0·9	294·5	62	+ 11
1139	Windhuk	22 34	E17 6	1665·3	836·5	..	..	..	..	..	..	..	..	..	+0·7	287·0	..	..
1140																		
1141	Johannesburg	26 11	28 4	1806	825·8	..	−0·2	287·1	293·1	2nd	277·8	271·9	27th	282·4	−0·8	*281·9*	7	+ 5
1142	Kimberley	28 42	28 47	1202	887·3	..	−1·0	290·3	..	..	274·5	..	..	..	..	..	6	− 2
1142*a*	Pretoria	25 45	28 11	1339	873·0	..	+0·3	291·8	297·0	3rd	275·9	269·2	25th	283·8	−0·3	..	16	+ 14
1143	Durban	29 51	31 0	80	1012·8	1022·4	−0·9	295·4	299·8	22nd	284·6	281·1	25th	290·0	−1·3	..	12	− 20
1144	Lorenzo Marques	25 58	32 36	59	..	1022·8	+0·1	298·2	303·6	13th	285·9	282·9	26th	292·1	−0·5	290·7	49	+ 36
1147	Mauritius	20 6	57 33	54·3	1012·1	1018·6	−0·6	297·4	299·8	2nd	288·5	285·5	11th	293·0	−0·7	292·7	15	− 39
1148																		
1159	Onslow	21 43	114 57	4·3	..	1013·4	−2·0	297·3	300·8	26th	283·4	278·3	11th	290·4	−1·4	..	34	− 13
1160	Peak Hill	25 38	118 47	588·3	..	1014·3	−3·7	292·0	298·6	26th	281·6	277·2	10th	286·8	+0·2	..	44	+ 7
1161	Nullagine	21 53	120 5	385·6	..	1014·7	−2·4	297·1	303·1	26th	282·4	276·2	3rd	289·8	+0·4	..	19	− 13
1162	Laverton	28 40	122 23	466·3	..	1016·2	−4·1	290·1	294·1	25th	278·3	271·6	22nd	284·2	−0·7	..	20	− 9
1163	Alice Springs	23 38	133 37	587·0	..	1016·2	−3·4	293·8	301·3	30th	281·2	270·7	5th	287·5	+2·1	*287·3*	23	+ 9
1164	William Creek	28 55	136 21	76·2	..	1017·6	..	290·2	293·3	27th, 28th	280·8	273·0	5th	285·5	..	*285·3*	42	+ 25
1165	Boulia	22 55	139 38	145·7	..	1014·1	..	297·1	303·6	28, 29, 30	282·9	274·1	5th	290·0	..	..	15	+ 5
1166	Mitchell	26 32	147 52	337·1	..	1018·0	..	292·6	299·7	9th	280·3	271·3	6th	286·4	..	..	99	+ 64
1167	Rockhampton	23 24	150 30	11·3	..	1016·6	..	295·8	299·2	9th	285·8	278·4	6th	290·8	..	..	152	+109
1168	Brisbane	27 28	153 2	41·7	..	1017·4	−0·4	294·2	298·9	9th	284·6	279·2	7th	289·4	+0·3	..	158	+ 89
1169	Noumea	22 16	166 27	9	1014·1	1015·1	..	298·7	301·6	2nd, 5th	291·4	288·0	30th	295·2	+0·9	..	184	+ 81
1170	Norfolk Island	29 4	167 58	..	..	..	..	..	..	..	..	..	..	..	..	..	214	+ 62
		S.	E.															

Between Latitude 30° S. and 40° S.

JUNE—ZONE 12.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure: Mean at Level of Station.	Pressure: Mean at M.S.L.	Pressure: Diff. from Normal.	Temperature: Mean Max.	Temperature: Absolute Max.	Temperature: Date.	Temperature: Mean Min.	Temperature: Absolute Min.	Temperature: Date.	Temperature: *Mean.	Temperature: Diff. from Normal.	Temperature: †24 hr. Mean.	Precipitation: Total.	Precipitation: Diff. from Normal.
		° S.	° W.	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.
1219																		
1220	Juan Fernandez	33 37	78 50	10	1010·9	1012·1	..	289·5	292·0	7th	..	..	..	287·3	..	..	133	− 48
1221	Punta Angeles, Valparaiso	33 1	71 38	41	1012·9	1017·9	+0·1	288·0	293·0	28th	280·8	276·4	2nd	284·4	−2·2	*283·6*	135	− 13
1222	Santiago	33 27	70 42	520	956·6	1018·9	+0·9	..	298·1	28th	..	269·1	4th	278·9	−2·3	*278·6*	158	+ 75
1223	Cordoba	31 25	64 12	439	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1224	Buenos Ayres	34 16	64 11	25·2	1013·4	1016·4	−2·1	289·4	296·2	30th	278·2	270·1	3rd	283·8	−0·1	283·6	9	− 58
1225	Rio Grande	32 2	52 6	2·3	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1226	Montevideo	34 52	W56 12	29·3	1013·1	1016·6	−0·3	289·7	298·1	30th	279·6	271·8	14th	284·7	+0·9	284·4	28	− 57
1239	Cape Town	33 56	E18 29	12	1018·2	1019·6	−0·4	291·0	296·9	..	281·8	277·4	..	286·4	+0·2	*285·2*	70	− 43
1240	Danger Point	34 37	19 18	20	..	..	..	289·7	295·8	20th	282·9	280·2	6, 15, 28	286·3	..	..	85	..
1241	Heidelberg	34 5	20 58	1541	..	..	..	294·2	301·3	20th	277·6	272·4	15th	285·9	+4·8	..	15	− 22
1242	East London	33 2	27 55	10·1	1017·9	1019·1	−2·5	294·4	300·2	8, 22, 23	282·3	277·4	25th	288·4	−0·7	..	17	− 11
1259	Perth (Observatory)	31 57	115 51	60·0	..	1013·6	−3·8	290·1	296·6	3rd	282·9	278·1	10th	286·5	−0·1	..	161	− 14
1260	Katanning	33 42	117 35	309·7	..	1012·1	−4·9	287·2	293·2	2nd	278·9	273·2	9th	283·1	−0·5	..	117	+ 47
1261	Coolgardie	30 57	121 10	423·3	..	1015·1	−3·8	288·6	292·9	1st	278·7	273·6	22nd	283·7	−0·7	..	48	+ 18
1262	Eucla	31 45	128 58	4·6	..	1014·3	−4·3	292·5	296·3	27th	280·3	275·8	19th	286·4	+0·1	..	3	− 27
1263	Streaky Bay	32 48	134 13	13·1	..	1016·4	−2·7	289·5	293·0	19th	282·7	276·3	5th	286·1	+0·7	..	46	− 29
1264	Adelaide	34 56	138 35	42·7	..	1017·3	−1·9	289·2	291·8	19th	282·0	278·0	6th	285·6	+0·7	*285·5*	77	+ 1
1265	Melbourne	37 49	144 57	35·1	..	1017·5	−1·0	287·5	292·7	22nd	280·8	273·1	16th	284·2	+0·9	*283·8*	34	− 20
1266	Bourke	30 13	145 58	110·1	..	1019·3	−0·5	292·2	297·0	10th	281·1	272·9	4th	286·7	+1·5	..	47	+ 20
1267	Sydney	33 51	151 13	44·5	..	1018·1	..	289·2	293·5	9th	282·6	280·2	5th, 28th	285·9	+0·5	..	89	− 45
1268	Lord Howe Island	31 32	159 4	..	..	..	..	..	..	..	..	..	..	..	..	..	246	+ 38
1271	Auckland	36 50	174 50	38·1	..	1014·9	..	288·2	291·9	5th	283·1	277·2	twice	285·6	+0·6	..	130	+ 12
1272																		
		S.	E.															

Between Latitude 40° S. and 50° S.

JUNE—ZONE 13.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure: Mean at Level of Station.	Pressure: Mean at M.S.L.	Pressure: Diff. from Normal.	Temperature: Mean Max.	Temperature: Absolute Max.	Temperature: Date.	Temperature: Mean Min.	Temperature: Absolute Min.	Temperature: Date.	Temperature: *Mean.	Temperature: Diff. from Normal.	Temperature: †24 hr. Mean.	Precipitation: Total.	Precipitation: Diff. from Normal.
		° S.	° W.	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.
1301	Chatham Island	43 52	170 42	46	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1302																		
1321	Punta Corona	41 47	73 52	48	..	..	..	283·9	287·0	30th	277·0	275·0	sev. dates	280·5	−1·0	*280·6*	281	− 1
1322	Punta Galera	40 1	73 44	40	1008·2	1013·1	−0·9	284·4	286·4	28th	279·8	276·6	sev. dates	282·1	−0·7	*282·0*	394	+ 24
1323	Bahia Blanca	38 45	W62 12	20	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1324																		
1365	Hobart	42 53	E147 22	53·9	..	1014·3	−0·1	284·4	289·7	8th	278·5	272·0	17th	281·5	+0·1	*280·9*	91	+ 35
1366	Launceston	41 27	147 10	9·4	..	1015·2	..	285·8	288·6	22nd	278·3	272·4	6th	282·1	..	..	89	+ 2
1369																		
1370	Dunedin	45 52	170 31	91	..	1012·0	0·0	284·7	291·3	27th	277·1	273·6	twice	280·9	+1·3	..	58	− 28
1371	Christchurch	43 32	172 38	7·6	..	1013·8	−0·3	284·4	291·4	15th	275·2	270·0	21st	279·8	+0·2	..	78	+ 7
1372	Wellington	41 16	174 46	33·5	..	1015·0	+1·4	285·5	290·2	5th	280·7	277·4	twice	283·1	+0·2	..	205	+ 84
		S.	E.															
		° ′	° ′	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.

* Mean of max. and min. or of observations at fixed hours.

† Computed means for the 24 hours are in *italics*.

JUNE—ZONE 14. Table representing the Meteorology of the Globe between Latitude 50° S. and 60° S.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure: Mean at Level of Station.	Pressure: Mean at M.S.L.	Pressure: Diff. from Normal.	Temperature: Mean Max.	Temperature: Absolute Max.	Temperature: Date.	Temperature: Mean Min.	Temperature: Absolute Min.	Temperature: Date.	Temperature: *Mean.	Temperature: Diff. from Normal.	Temperature: †24 hr. Mean.	Precipitation: Total.	Precipitation: Diff. from Normal.
		° ′ S.	° ′ W.	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.
1421	Islota de los Evangelistas	52 24	75 6	55	989·3	996·1	−6·4	278·4	281·0	2nd	273·8	271·0	sev. dates	276·1	−2·1	*276·1*	221	− 1
1422	Puerto de Punta Arenas	53 10	70 54	4	992·3	992·8	−7·3	277·4	281·0	sev. dates	272·9	268·0	26th	275·1	−0·5	*274·8*	37	+ 9
1423	Punta Dungeness	52 24	68 26	5	995·3	995·9	−6·3	..	..	..	272·1	268·4	14th	275·6	..	..	3	− 18
1425	Cape Pembroke	51 41	57 42	15	995·0	996·8	−3·7	278·1	280·8	4th	272·8	269·7	27th	275·5	−0·5	275·9	..	..
1426	Stanley, Falkland Is.	51 41	57 51	4	..	..	..	..	..	..	..	..	..	..	..	..	5	− 48
1429	S. Georgia (Cumberland Bay)	54 14 S.	36 34 W.	3	993·2	993·6	−4·7	274·1	279·7	5th	269·5	264·9	14th	271·8	+0·4	*271·9*	124	+ 29

JUNE—ZONE 15. Between Latitude 60° S. and 70° S.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure: Mean at Level of Station.	Pressure: Mean at M.S.L.	Pressure: Diff. from Normal.	Temperature: Mean Max.	Temperature: Absolute Max.	Temperature: Date.	Temperature: Mean Min.	Temperature: Absolute Min.	Temperature: Date.	Temperature: *Mean.	Temperature: Diff. from Normal.	Temperature: †24 hr. Mean.	Precipitation: Total.	Precipitation: Diff. from Normal.
1527 1528	South Orkneys	60 44 ° ′ S.	44 39 ° ′ W.	6·9 metres.	992·4 mb.	993·3 mb.	−2·1 mb.	270·0 a.	274·1 a.	4th	265·4 a.	257·8 a.	30th	267·7 a.	+4·2 a.	267·8 a.	38 mm.	+ 8 mm.

* Mean of max. and min. or of observations at fixed hours. † Computed means for the 24 hours are in *italics*.

DAILY OBSERVATIONS OF WIND WITHIN THE TROPICS.—JUNE 1910.

Date.	St. Helena.* 1035. Direction.	St. Helena.* 1035. Mean Velocity for the Day.	Fanning Island. 805. Direction and Force.		Sierra Leone. 834. Direction and Force.		Malden Island. 905. Direction and Force.		Tulagi. 969. Direction and Force.	Ocean Island. 970. Direction and Force.		Suva, Fiji. 1072. Direction.	Suva, Fiji. 1072. Mean Velocity, 24 hrs. ending 9 a.m.
		9 a.m. m/s.	9 a.m.	9 p.m.	9 a.m.	5 p.m.	9 a.m.	8 p.m.	9 a.m.	9 a.m.	9 p.m.	9 a.m.	m/s.
1	SE by S	4·3	E 4	SE 4	E 2	SW 2	SE 2	SE 2	SE 1	E 1	E 1	..	2·5
2	SSE	8·0	SE 4	SE 4	N 2	W 2	SE 2	E 1	Calm 0	NE 3	E 1	..	3·5
3	SE	10·8	E 4	SE 4	NE 3	W 2	E 2	E 2	Calm 0	SE 2	E 1	..	2·6
4	SE	8·7	E 4	E 4	E 2	W 2	E 1	E 2	SE 2	E 4	E 3	..	3·1
5	SE	7·0	E 2	E 4	NE 2	W 3	SE 3	E 2	Calm 0	E 3	E 5	..	4·3
6	SE by S	4·7	NE 2	E 2	N 2	W 3	SE 2	SE 1	W 1	E 4	E 3	..	4·0
7	SE by S	6·3	S 2	N 2	N 1	W 3	E 1	SE 1	SE 2	E 3	E 4	..	3·7
8	ESE	7·6	E 4	SE 4	NE 2	N 1	E 3	E 4	Calm 0	E 3	E 3	..	2·4
9	SE	9·3	SE 4	E 4	NE 1	W 2	E 3	E 2	SE 1	E 3	E 4	..	1·6
10	SE	6·7	SE 4	Calm 0	N 2	NE 2	SE 4	E 2	SE 1	E 3	E 2	..	1·3
11	SE	7·0	SE 4	SE 4	NE 2	W 2	E 4	E 1	SE 1	E 2	E 3	..	1·3
12	SE	7·0	E 4	E 2	N 2	Calm 0	E 3	E 2	ESE 5	E 2	E 2	..	3·2
13	SE	5·4	SE 4	SE 4	NE 2	W 2	E 1	E 1	SE 1	E 2	E 2	..	2·1
14	SE by S	4·5	E 4	E 4	N 1	W 3	E 3	E 2	SE 2	E 3	E 1	..	3·9
15	SE by S	8·1	SE 4	SE 4	W 3	W 3	SE 1	E 3	SE 1	E 3	E 3	..	1·5
16	SE	9·0	SE 4	E 4	E 2	W 3	E 2	E 4	ESE 1	E 4	E 3	..	2·0
17	SE	6·0	NE 4	SE 4	W 2	W 3	E 3	SE 4	SE 1	E 3	E 4	..	3·3
18	SE	3·6	SE 4	SE 4	E 5	W 3	SE 5	SE 3	Calm 0	E 2	E 3	..	1·2
19	SE by S	5·4	SE 5	SE 4	NE 2	W 5	SE 4	SE 3	SE 2	E 3	E 3	..	1·1
20	SE by S	6·9	SE 2	SE 2	W 2	W 3	SE 1	SE 2	SE 2	E 2	E 3	..	2·5
21	SE	11·0	SE 2	E 2	NW 2	W 5	E 2	E 1	SE 2	E 2	E 2	..	4·8
22	SE	10·7	SE 2	SE 2	N 1	W 4	E 2	E 1	NW 1	E 3	E 2	..	3·8
23	SE	11·7	E 4	SE 4	N 2	W 3	E 1	E 2	W 1	*E 2	E 1	..	2·2
24	SE	10·2	E 4	SE ¼	NE 3	NW 3	E 3	E 1	SE 1	SE 3	E 4	..	3·0
25	SE	9·9	SE 4	SE 4	N 2	W 3	E 2	E 2	SE 1	E 5	E 3	..	5·4
26	SE	7·1	SE 4	SE 4	NE 3	W 2	E 1	SE 3	SE 1	E 3	E 4	..	6·0
27	SE	4·5	SE 4	SE 4	E 3	W 4	SE 5	E 4	SE 1	E 5	E 5	..	4·2
28	SE by S	5·2	SE 4	SE 4	N 2	NW 3	SE 4	SE 3	Calm 0	E 7	E 4	..	2·3
29	SE	5·9	SE 4	SE 4	NE 3	W 5	SE 4	SE 2	NE 1	E 7	E 7	..	1·6
30	SE by E	7·0	SE 4	SE 4	N 2	W 2	E 1	E 4	SE 1	E 3	E 7	..	1·7
Mean for Month	..	7·3	3·6	3·5	2·2	2·8	2·5	2·2	1·1	3·2	3·1	..	2·9
Deviation from Normal	..	+0·6	..	..	..	..	−0·6		..	+0·8		..	..

* Direction and velocity of the South-East Trade Wind at 620 metres.

STATE OF ICE IN THE ARCTIC SEAS AND IN THE NORTH ATLANTIC.—JUNE 1910.

**Barents Sea.*—"The edge of the ice lay N. of 75° from Bear Island to 48°, then turned southward. Area covered 795,000 sq. km. (normal 931,000). The west coast of *Novaja Zemlya* was free north of Matotschkin Strait. The west coast of *Spitzbergen* was partly free, but the Storfjord was filled."

**Greenland Sea, Iceland, and Denmark Strait.*—"Scattered ice extended from N. Spitzbergen to 73° N. 13° E., where it was heavier. Iceland was ice-free, and the edge lay unusually far N.W. of Cape North. At Angmagsalik the fjord became open on 24th, but in the offing the ice was closely packed. Area covered 896,000 sq. km. (normal 925,000)."

North Atlantic and Labrador.—"There were few icebergs on the Newfoundland Banks, but many in Belle Isle Strait and eastward to 50° W., and during the first half of the month along the Labrador coast."

**Davis Strait and Baffin Bay.*—"Early in June a great mass of ice from N. drifted down the east coast and extended 90 miles off C. Farewell, but during the month this mass was destroyed. Upernivik Harbour became ice-free on June 30th. Melville Bay was crossed with great difficulty."

**Bering Sea.*—At first the ice-edge lay from S. Michael's to south of Nome, but on 10th coast ice broke up at Nome, and on 16th sea became ice-free there."

* *Isforholdene i de arktiske Have, 1910*, issued by the Danish Meteorological Institute.

RÉSEAU MONDIAL, JULY 1910.

TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE FOR THE MONTH OF JULY 1910 BY MEANS OF STATIONS SELECTED AT THE RATE OF TWO FOR EACH TEN-DEGREE SQUARE.

Between Latitude 80° N. and 70° N. JULY—ZONE 1.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure: Mean at Level of Station.	Pressure: Mean at M.S.L.	Pressure: Diff. from Normal.	Temperature: Mean Max.	Temperature: Absolute Max.	Temperature: Date.	Temperature: Mean Min.	Temperature: Absolute Min.	Temperature: Date.	Temperature: *Mean.	Temperature: Diff. from Normal.	Temperature: †24 hr. Mean.	Precipitation: Total.	Precipitation: Diff. from Normal.
		° ′ N.	° ′ W.	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.
123	North Star Bay	76 30	68 55	6·5	..	..	..	..	..	..	..	..	..	..	..	..	..	..
124																		
125	Upernivik	72 47	W56 7	18·9	1011·6	1013·9	+3·0	281·0	288·5	8th, 10th	273·4	270·5	12th, 15th	277·2	−1·2	*277·2*	..	..
126																		
139	Spitsbergen	78 2	E 14 14	11·4	..	..	..	..	..	..	..	..	..	..	..	..	..	..
140																		
141	Gjesvaer	71 6	25 22	6·5	1011·6	1012·4	+0·9	..	291·3	21st	..	276·7	17th	..	−2·4	*280·6*	73	+ 22
142	Mehavn	71 1	27 47	6·4	1011·5	1012·3	..	..	289·8	21st	..	276·4	17th	..	..	*280·7*	80	+ 32
143	Vardö	70 22	31 8	10·0	1010·8	1012·0	0·0	..	286·0	7th	..	276·2	19th	..	−1·9	*279·7*	85	+ 38
144																		
147																		
148		N.	E.															

Between Latitude 70° N. and 60° N. JULY—ZONE 2.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure: Mean at Level of Station.	Pressure: Mean at M.S.L.	Pressure: Diff. from Normal.	Temperature: Mean Max.	Temperature: Absolute Max.	Temperature: Date.	Temperature: Mean Min.	Temperature: Absolute Min.	Temperature: Date.	Temperature: *Mean.	Temperature: Diff. from Normal.	Temperature: †24 hr. Mean.	Precipitation: Total.	Precipitation: Diff. from Normal.
		° ′ N.	° ′ W.	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.
203	Nome	64 30	165 24	6·7	..	1011·2	..	283·4	288·0	2nd	277·9	274·1	11th, 19th	280·7	..	..	91	..
204																		
205	Tanana	65 12	152 0	? 73·8	..	?1011·2	..	292·8	299·7	27th	280·9	273·6	24th	286·9	..	..	45	..
206																		
207	Valdez	61 6	146 13	8·2	..	1014·9	..	290·8	298·6	13th	280·9	278·6	25th, 27th	285·8	..	..	66	..
208	Eagle	64 46	141 12	248	..	1008·1	..	296·6	305·8	29th	279·3	271·3	25th	288·0	..	..	58	0
209	Dawson	64 4	139 20	321	973·2	1010·7	−0·9	296·1	303·3	29th	281·8	276·3	25th	288·9	+ ..	..	21	..
210	Carcross	60 11	134 34	662	..	..	..	290·3	299·7	30th	279·1	275·2	3rd	284·7	..	..	83	..
211																		
212	Fort Simpson	61 52	120 43	129	993·5	1008·8	..	..	..	..	283·2	279·1	20th	290·1	..	..	87	..
213	Hay River	60 51	115 20	161	990·3	1009·4	..	292·6	300·2	23rd	283·6	276·9	3rd	288·1	−1·3	..	56	..
225	Jacobshavn	69 13	51 2	12·6	1010·4	1011·9	+1·4	283·7	292·9	8th	277·3	274·6	11th, 12th	280·5	−0·6	*280·2*	55	+ 27
226	Godthaab	64 11	51 44	9	1008·4	1009·5	−0·4	..	..	..	277·2	273·1	8th	..	+0·2	*280·0*	12	− 48
229	Angmagsalik	65 37	37 34	31·7	1010·6	1014·5	+7·3	284·6	288·8	21st	275·4	271·1	2nd	280·0	−0·2	..	33	− 23
230																		
231	Stykkisholm	66 5	22 46	11·3	1011·8	1013·3	+3·1	286·5	290·5	4th	280·7	276·5	1st	283·6	+0·8	*283·6*	32	− 2
232	Vestmanno	63 26	20 15	7·7	1011·8	1012·7	+2·5	287·0	292·3	31st	281·9	278·9	25th	284·5	+0·2	*283·9*	78	0
233	Grimsey (Akureyri)	66 33	17 58	6·8	1013·2	1014·0	+3·4	282·9	287·8	8th	277·1	272·9	1st, 2nd	280·0	−0·1	*279·8*	8	− 22
234	Berufjord	64 40	14 19	18·0	1011·5	1013·7	+3·3	285·8	290·4	13th	279·1	275·0	24th	282·5	+0·4	*282·0*	22	− 39
235	Thorshavn	62 3	W 6 45	25·7	1011·1	1014·2	+2·9	285·6	287·6	15th	280·7	276·9	12th	283·2	−0·6	..	73	− 19
236																		
237	Bergen (Met. Obs.)	60 24	E 5 19	44·4	1003·1	1008·4	−2·6	..	297·4	8th	284·5	280·5	20th	..	+0·7	*288·0*	24	−134
238	Christiansund	63 7	7 45	17·8	1008·8	1010·9	0·0	..	295·0	26th	283·4	279·7	21st	..	−0·3	*285·8*	7	− 71
239	Trondhjem	63 26	10 25	39·5	1006·3	1011·0	+0·3	..	299·7	7th	283·0	276·9	21st	..	+0·1	*287·1*	31	− 36
240	Bodö	67 17	14 24	20·5	1009·4	1011·9	+1·3	..	292·4	30th	282·7	279·0	10th	..	−0·6	*285·0*	23	− 48
241	Haparanda	65 50	24 9	9·2	1007·6	1008·7	−1·3	291·9	304·0	8th	281·4	276·0	18th	286·7	−0·9	*287·1*	73	+ 27
242	Helsingfors	60 10	24 57	11·7	..	1007·0	−3·6	293·5	298·7	14th	286·1	280·6	18th	289·8	0·0	289·7	113	+ 53
242a	Kuopio	62 54	27 40	99·7	..	1008·8	−1·9	293·2	301·0	6th	286·1	279·4	17th	289·7	−1·2	*288·8*	80	..
243	Kola	68 53	33 1	6·7	..	1011·1	+0·8	..	295·2	27th	..	276·9	18th	..	−2·2	*283·0*	100	+ 65
244	Petrozavodsk	61 47	34 23	38·9	..	1008·7	−1·9	..	298	..	..	277	..	..	−0·1	*289·5*	..	..
245	Arkhangelsk	64 33	40 32	6·7	..	1010·3	+0·1	..	301	..	..	280	..	..	−0·4	*288·3*	75	+ 18
246	Velsk	61 5	42 7	? 83	..	..	..	..	..	..	..	..	..	..	..	..	..	..
247	Oust-Tsylma	65 27	52 10	? 25	..	1010·4	+0·3	..	303	..	..	276	..	..	+0·3	*288·0*	..	..
248	Troitsko-Petcherskoe	62 42	56 13	? 123	..	..	..	..	..	..	..	..	..	..	..	..	..	..
249	Berezov	63 56	65 4	39·9	..	..	..	..	..	..	..	..	..	..	..	..	..	..
250	Obdorsk	66 31	66 35	23·7	..	..	..	..	..	..	..	..	..	..	..	..	..	..
251	Sourgout	61 15	73 24	? 40	..	..	..	..	..	..	..	..	..	..	..	..	..	..
252																		
253	Touroukhansk	65 55	87 38	? 40	..	..	..	..	..	..	..	..	..	..	..	..	..	..
254	Doudinka	69 7	87 0	? 20	..	..	..	..	..	..	..	..	..	..	..	..	..	..
261	Olekminsk	60 22	120 26	? 135	..	..	..	..	..	..	..	..	..	..	..	..	..	..
262	Iakoutsk	62 1	129 43	? 108	..	..	..	..	..	..	..	..	..	..	..	..	..	..
263	Verkhoïansk	67 33	133 24	? 100	..	..	..	..	..	..	..	..	..	..	..	..	..	..
264	Oust-Maiskoe	60 25	134 29	? 100	..	..	..	..	..	..	..	..	..	..	..	..	..	..
271	Markovo sur Anadyr	64 45	177 50	? 20	..	..	..	..	..	..	..	..	..	..	..	..	..	..
272	Novo-Mariinskii Post	64 45	177 33	5·2	..	..	..	..	..	..	..	..	..	..	..	..	..	..
		N. ° ′	E. ° ′	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.

* Mean of max. and min. or of observations at fixed hours. † Computed means for the 24 hours are in *italics*.

JULY—ZONE 3.

Table representing the Meteorology of the Globe between Latitude 60° N. and 50° N.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure: Mean at Level of Station.	Pressure: Mean at M.S.L.	Pressure: Diff. from Normal.	Temperature: Mean Max.	Temperature: Absolute Max.	Temperature: Date.	Temperature: Mean Min.	Temperature: Absolute Min.	Temperature: Date.	Temperature: *Mean.	Temperature: Diff. from Normal.	Temperature: †24 hr. Mean.	Precipitation: Total.	Precipitation: Diff. from Normal.
301																		
302																		
303	Dutch Harbour	53 54	166 32	4·0	..	1020·6	..	291·3	295·2	30th	283·4	276·3	1st	287·3	..	..	12	..
304																		
305																		
306																		
307																		
308																		
309	Sitka	57 4	135 20	27	..	1017·6	+2·4	288·9	299·7	29th	281·9	276·3	4th	285·4	−0·2	..	95	+ 5
310	Prince Rupert	54 18	103 18	52	..	1017·9	..	289·1	300·2	28th	282·3	280·2	6th	285·7	..	..	114	..
311	Barkerville	53 2	121 35	1274	..	1015·6	..	290·3	296·3	21st	277·9	274·1	4th	284·1	−1·4	*284·1*	75	− 2
312	Kamloops	50 41	120 29	380	..	1011·8	−2·4	302·3	308·2	12th	286·2	280·8	24th	294·2	+0·3	*294·1*	7	− 25
313	Calgary	51 2	114 2	1033	..	1010·8	−0·7	298·3	306·3	16th	281·3	274·7	27th	289·8	+0·8	*290·2*	11	− 55
314	Fort Chipewyan	58 42	111 10	218	982·9	1008·3	..	295·2	299·1	16th	284·8	278·0	10th	290·0	..	*290·7*	87	..
315	Prince Albert	53 10	106 0	437	..	1008·8	−1·7	297·3	303·6	22nd	284·3	276·9	31st	290·8	+1·1	*291·2*	35	− 26
316	Qu'Appelle	50 30	103 47	645	..	1010·8	−2·0	297·3	304·1	13th	284·4	278·0	10th	290·8	+0·1	*291·0*	13	− 56
317	Minnedosa	50 15	99 50	518	..	1011·8	..	299·6	312·7	14th	284·2	277·6	12th	291·9	+1·3	*291·6*	41	− 26
318	Berens River	52 18	97 23	216	..	..	..	297·4	303·0	15th, 21st	286·6	274·1	31st	292·0	..	*291·6*	38	..
318a	York Factory	57 0	92 28	11	..	..	..	..	..	..	..	..	..	..	..	..	..	..
319	Fort Hope	51 32	87 48	? 270	979·7	1011·3	..	294·8	301·3	7th	284·1	278·6	18th	289·5	+0·2	..	210	+152
320	Moose Factory	51 16	80 56	9	1008·4	1009·5	..	295·7	303·0	8th	282·9	274·1	3rd	289·3	−0·1	..	61	− 3
321																		
322																		
323	Hebron	58 12	62 21	15·0	1007·9	1009·7	+1·2	282·6	298·7	..	277·3	273·1	..	280·0	−1·6	..	73	..
324	Nain	56 33	61 41	4·2	1009·3	1009·8	+0·9	..	..	..	277·3	273·9	..	280·3	..	..	149	..
325																		
326	Point Riche	50 42	57 25	10·7	..	..	..	..	293·0	31st	..	278·6	6th	285·2	−5·3	..	83	− 6
327																		
328																		
329																		
330																		
331																		
332																		
333																		
334	Valencia	51 56	10 15	13·7	1011·9	1013·5	−2·1	290·6	296·3	13th	284·8	281·3	19th	287·7	−0·3	287·7	86	− 12
335	Aberdeen	57 10	2 6	27·4	1008·2	1011·5	−1·1	287·5	290·8	31st	282·5	279·7	14th	285·0	−2·0	284·8	37	− 37
336	Greenwich	51 28	W 0 0	48	1006·4	1012·1	−3·4	292·4	297·4	28th	284·1	281·3	24th	288·3	−2·3	287·5	89	+ 28
337	Uccle	50 48	E 4 22	100	1000·1	1012·1	−3·8	292·9	299·9	17th	284·4	281·8	3rd	288·7	−1·8	288·3	149	+ 71
338	De Bilt	52 6	5 11	3·0	1010·9	1011·3	−4·3	292·3	299·5	18th	284·7	277·9	4th	288·5	−1·5	288·3	101	+ 23
338a	Hamburg	53 33	9 59	26·0	1007·0	1010·1	−3·8	292·6	297·4	29th	286·3	283·0	2nd, 4th	289·5	−0·9	289·1	145	+ 54
339	Copenhagen	55 41	12 36	5·0	1007·8	1008·4	−4·4	293·1	297·9	15th, 16th	286·8	284·3	2nd	290·0	+0·4	*290·0*	61	0
340	Potsdam	52 23	13 4	84·9	1000·2	1010·4	−4·0	294·5	302·9	31st	285·1	282·1	4th, 25th	289·8	−1·1	289·1	84	− 4
340a	Upsala	59 51	17 38	24·0	1004·4	1007·2	−3·0	292·7	301·3	14th	282·9	277·6	18th	287·8	−1·3	287·9	142	+ 73
341	Warsaw	52 15	21 1	120	995·0	1010·0	−3·6	295·8	300·9	23rd	287·4	283·7	17th	291·6	−2·1	*291·1*	132	+ 58
342	Jurjev	58 23	26 43	74·5	999·2	1008·0	−2·7	295·2	302·2	5th	284·5	278·8	17th	289·9	−0·7	289·6	43	− 42
343	Petrograd	59 56	30 16	4·8	..	1008·2	−2·1	..	301	..	..	281	..	..	−0·1	*290·6*	52	− 16
344	Kiev	50 27	30 30	183·1	987·2	1008·5	−3·6	298·7	307·0	24th	288·1	283·8	18th	293·4	+0·3	292·5	109	+ 33
344a	Moscow	55 45	37 34	156	990·8	1009·0	−1·6	297·9	303·6	31st	286·6	278·6	19th	292·3	−0·7	292·1	217	+145
345	Saratov	51 32	46 3	59·9	..	1009·2	−1·1	..	311	..	..	284	..	..	+3·1	*298·4*	12	− 31
346	Kazan	55 47	49 8	79·8	1001·1	1010·5	+0·9	..	310·9	31st	..	281·3	20th	..	+1·1	*293·8*	24	− 37
347	Orenburg	51 45	55 6	114·1	..	1010·3	0·0	..	309	..	..	283	..	..	+2·9	*297·5*	7	− 37
348	Perm	58 1	56 15	163·0	..	1010·7	+1·6	..	304	..	..	281	..	..	+0·2	*291·7*	62	+ 2
349	Ekaterinburg	56 50	60 38	288·9	..	1010·0	+1·1	..	302	..	..	280	..	..	+0·6	*291·0*	88	+ 15
350	Tobolsk	58 12	68 14	108·3	..	..	..	..	..	..	..	..	..	..	..	..	..	..
351	Akmolinsk	51 12	71 23	? 347	..	..	..	..	..	..	..	..	..	..	..	..	..	..
352	Omsk	54 58	73 23	90	..	1007·0	−0·6	..	300·4	1st	..	286·0	8th	..	+0·3	*292·1*	45	− 13
353	Barnaoul	53 20	83 47	162·2	..	1006·3	−0·9	..	304·2	25th	..	285·1	12th	..	+0·1	*292·7*	52	+ 3
354	Tomsk	56 30	84 58	121·6	..	1006·3	−0·7	..	298·8	21st	..	284·7	1st	..	−1·8	*290·3*	60	− 14
355	Minousinsk	53 43	91 41	? 245	..	..	..	..	..	..	..	..	..	..	..	..	..	..
356	Eniseisk	58 27	92 11	84·4	..	..	..	..	..	..	..	..	..	..	..	..	..	..
357	Irkutsk	52 16	104 19	467·0	..	1006·5	−0·2	..	303·5	28th	..	282·2	3rd	..	−0·1	*291·5*	66	− 5
358	Kirensk	57 47	108 7	? 263	..	..	..	..	..	..	..	..	..	..	..	..	..	..
359	Tchita	52 2	113 30	663·7	..	1006·9	..	..	303·8	28th	..	287·3	10th	293·5	..	..	95	..
360	Blagoveshchensk Priisk	58 10	114 17	? 490	..	..	..	..	..	..	..	..	..	..	..	..	..	..
360a	Nertchinsk	51 59	116 35	484·3	..	1001·8	−4·1	..	300·2	30th	..	284·1	17th	..	+1·1	*292·3*	..	..
361	Tygan Ourkan	54 5	124 46	? 370	..	..	..	..	300·5	18th, 20th	285·3	279·2	4th	..	..	*291·5*	130	..
362	Blagoveshchensk	50 15	127 38	133·6	..	..	..	..	..	..	..	..	..	..	..	..	..	..
363	Paikanskii Sklad	50 11	130 7	? 168	..	..	..	..	301·0	24th	287·6	280·0	1st	..	..	*292·7*	..	..
364																		
365	Nikolaevsk-sur-Amour	53 8	140 45	21·2	..	..	..	..	297·6	25th	..	285·0	16th	..	+0·6	*290·1*	0	− 52
366	Okhotsk	59 21	143 17	6·0	..	..	..	..	..	..	..	..	..	..	..	..	..	..
367																		
368	Petropavlovsk Phare	52 53 N.	158 47 E.	87·1	..	..	..	..	..	..	..	..	..	..	..	..	..	..
369																		
370																		
371																		
372		° ′	° ′	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.

* Mean of max. and min. or of observations at fixed hours.

† Computed means for the 24 hours are in *italics*.

JULY—ZONE 4.

Table representing the Meteorology of the Globe between Latitude 50° N. and 40° N.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure: Mean at Level of Station.	Pressure: Mean at M.S.L.	Pressure: Diff. from Normal.	Temperature: Mean Max.	Temperature: Absolute Max.	Temperature: Date.	Temperature: Mean Min.	Temperature: Absolute Min.	Temperature: Date.	Temperature: *Mean.	Temperature: Diff. from Normal.	Temperature: †24 hr. Mean.	Precipitation: Total.	Precipitation: Diff. from Normal.
		N. ′	W. ′	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.
411	Victoria, B.C.	48 24	123 19	25·9	1013·5	1016·6	+0·5	294·9	303·4	10th	283·7	280·4	27th	289·3	+0·3	288·8	0	− 10
412	Portland, Oregon	45 32	122 41	46·6	1011·2	1016·6	−1·0	298·6	309·1	10th	286·4	283·6	4th	292·5	+0·4	*292·2*	0	− 15
413	Macleod	49 44	113 24	954	..	..	..	301·6	311·6	18th	284·8	279·7	11th	293·2	+2·7	*293·6*	..	..
414	Helena	46 34	112 4	1253	873·8	1012·8	−0·7	301·1	306·9	17th	285·5	278·0	9th	293·3	+1·1	*293·7*	15	− 12
414a	Salt Lake City	40 46	111 54	1329	866·9	1011·2	−1·4	305·1	309·1	19th	291·6	285·2	6th	298·4	+0·8	*299·0*	13	− 1
415	Cheyenne	41 8	104 48	1856	816·4	1013·5	+0·3	301·8	308·0	26th	285·6	279·1	10th	293·7	+1·0	*293·9*	34	− 17
416	North Platte	41 8	100 45	859	916·9	1013·9	+0·3	305·0	314·1	27th	288·3	281·3	10th	296·7	+0·4	*296·8*	13	− 55
416a	Bismarck	46 47	100 38	510·6	954·2	1013·5	0·0	303·3	314·7	15th	286·9	280·8	26th	295·1	+0·9	*295·2*	24	− 31
417	Winnipeg	49 53	97 7	231·6	..	1011·8	−1·3	300·7	308·3	14th	286·1	281·6	30th	293·4	+1·6	292·6	20	− 64
418	Duluth	46 47	92 6	345·1	972·4	1012·8	−1·4	297·8	305·8	1st	287·3	281·9	12th	292·6	+0·7	*292·6*	99	+ 6
419	Port Arthur	48 27	89 12	196·3	..	1012·2	−2·3	296·9	303·6	20th	284·8	280·2	12th	290·9	+1·1	*290·8*	72	− 25
420	Chicago	41 53	87 37	250·9	984·4	1013·5	−1·7	301·2	309·1	24th	293·6	289·7	4th	297·4	+2·0	*297·2*	45	− 47
421	Toronto	43 40	79 24	106·7	1000·0	1012·5	−1·8	301·0	307·1	9th	277·3	283·8	29th	294·7	+1·1	294·9	99	+ 25
422	New York	40 43	74 0	95·7	1001·4	1012·5	−2·7	302·8	307·4	24th	285·8	282·8	5th	289·3	−0·1	*288·9*	99	+ 25
423	St. John, N.B.	45 17	66 4	21·3	..	1011·5	−2·4	292·7	297·7	26th	285·8	282·8	5th	289·3	−0·1	*288·9*	99	+ 25
424	S. W. Point, Anticosti	49 24	63 35	9·1	1007·4	1008·5	−2·9	294·5	298·6	..	283·2	277·4	..	288·8	+2·1	..	91	+ 8
425	Sable Island (Main Station)	43 57	60 6	7·6	1012·8	1013·7	..	291·4	294·1	..	286·3	281·3	..	288·8	+0·7	..	182	+ 79
426	St. Johns, Newfoundland	47 34	52 42	38·1	..	1009·8	−4·9	294·5	300·8	10th, 15th	285·1	280·2	3rd	289·8	+1·8	..	99	+ 7
435	Madrid	40 24	3 41	655·4	940·7	1014·2	−0·6	305·4	312·0	21st	286·2	279·9	5th	295·8	−2·2	296·2	0	− 12
436	Nantes	47 15	W 1 34	41·4	1010·4	1015·3	−2·9	294·0	300·9	14th	285·1	282·0	27th	289·6	−2·6	*289·3*	86	+ 29
437	Paris (Parc St. Maur)	48 49	E 2 29	50·3	1007·6	1013·6	−3·2	294·6	300·6	15th	284·8	280·1	27th	289·7	−2·0	289·3	70	+ 18
438	Marseilles	43 18	5 23	75	1005·0	1013·9	−1·2	299·6	304·0	22nd	287·1	282·0	9th	293·4	−2·0	*293·3*	3	− 18
438a	Zürich	47 23	8 33	493·2	957·5	1014·7	−2·7	295·5	304·7	22nd	284·6	281·8	27th	290·0	−2·4	289·1	155	+ 23
439	Rome	41 54	12 29	63·4	..	1013·2	−2·0	301·2	305	22, 23, 31	289·5	286	sev. dates	295·4	−2·0	*295·6*	13	− 6
440	Vienna	48 15	16 22	202·5	987·8	1011·5	−3·3	294·9	303·5	22nd	286·9	283·7	24th	290·9	−1·5	290·6	84	+ 13
440a	Buda-Pesth	47 30	19 2	112·5	995·4	1010·6	−3·7	298·6	306·8	22nd	287·5	282·7	7th	293·1	−0·6	*293·3*	9	− 46
441	Bucharest	44 25	26 6	82	999·8	1009·3	−2·9	302·5	307·6	23rd	288·7	284·5	7th	295·6	−0·6	*295·3*	24	− 48
442																		
443	Odessa (University)	46 29	30 46	65·3	1001·6	1009·3	−3·6	299·0	303·2	23rd	290·6	288·5	11th, 14th	294·8	−1·0	*294·7*	57	+ 7
444	Kharkov (University)	50 0	36 14	140	..	1008·6	−3·0	..	306	..	..	283	..	294·7	+0·5	*294·1*	70	+ 10
444a	Novorossiisk	44 40	37 49	37	..	1009·1	−2·7	..	304	..	..	287	..	296·7	−0·6	*296·1*	91	+ 46
445	Tiflis	41 43	44 48	409	..	1009·1	−1·2	..	308	..	..	288	..	298·8	+1·1	*298·6*	11	− 42
446	Astrakhan	46 21	48 2	−14	..	1009·5	−1·1	..	311	..	..	289	..	299·5	+0·5	*299·1*	11	− 3
447	Fort Alexandrovsk	44 31	50 16	24	..	..	..	..	..	..	..	..	..	..	..	..	..	..
448	Krasnovodsk	40 0	52 59	−15	..	1006·6	−2·9	..	314	..	..	294	..	304·0	+2·3	*303·6*	..	..
449	Tachkent	41 20	69 18	478·3	..	1004·3	0·0	..	312·8	18th	..	293·4	13th	..	+0·4	*300·7*	0	− 2
450	Irgiz	48 37	61 16	112	..	..	..	..	..	..	..	..	..	..	..	..	..	..
451	Narynskoe	41 26	76 2	?2015	..	..	..	..	..	..	..	..	..	..	..	..	..	..
452	Vernyi	43 16	76 53	824·8	..	..	..	..	..	..	..	..	..	..	..	..	..	..
461	Mukden	41 48	123 23	43·8	997·5	1002·5	−1·6	303·9	308·8	8th	292·9	289·4	2nd	298·4	+0·9	298·1	90	− 67
462	Joshin	40 40	129 11	4·0	1005·6	1006·1	−0·7	295·3	305·5	22nd	289·8	285·6	1st	292·6	−0·6	291·9	167	+ 45
463	Vladivostok	43 7	131 54	15·7	..	1007·0	−2·5	..	300·6	22nd	..	285·6	4th	..	−2·5	*289·5*	30	− 28
464																		
465	Ochiai	47 20	142 44	15·0	1010·0	1011·8	..	293·6	303·3	27th	283·9	277·4	3rd	288·8	..	287·8	133	..
466	Nemuro	43 20 N.	145 35 E.	26·7	1008·5	1011·7	+1·5	290·2	296·5	28th	284·0	279·8	9th	287·1	−0·5	286·3	101	+ 17

Between Latitude 40° N. and 30° N.

JULY—ZONE 5 (Western Half).

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure: Mean at Level of Station.	Pressure: Mean at M.S.L.	Pressure: Diff. from Normal.	Temperature: Mean Max.	Temperature: Absolute Max.	Temperature: Date.	Temperature: Mean Min.	Temperature: Absolute Min.	Temperature: Date.	Temperature: *Mean.	Temperature: Diff. from Normal.	Temperature: †24 hr. Mean.	Precipitation: Total.	Precipitation: Diff. from Normal.
		N.	W.															
511	San Francisco	37 48	122 26	47·2	1008·1	1013·9	−0·3	289·7	297·4	5th	283·4	281·9	7th	286·6	−0·5	*285·9*	0	0
512	San Luis Obispo	35 18	120 39	61·3	1006·8	1014·2	0·0	296·7	304·1	5th	283·8	278·6	3rd	290·3	−0·1	*289·8*	0	0
513	Modena	37 48	113 54	1670	834·5	1011·2	0·0	304·3	308·6	21st	286·2	279·7	6th	295·3	+1·3	*295·6*	23	− 9
514	San Diego	32 43	117 10	26·5	1009·4	1012·5	−0·7	295·1	300·8	6th	289·8	286·3	4th	292·4	+0·1	*292·2*	0	0
515	Santa Fé	35 41	105 57	2138	791·1	1010·5	−1·4	301·2	304·1	22nd	287·2	281·3	2nd	294·2	+0·8	*293·9*	21	− 48
516	Denver	39 45	105 0	1613	839·9	1013·5	+0·7	304·7	311·3	23rd	288·5	283·6	9th	296·6	+1·5	*296·7*	88	+ 47
517	Abilene	32 23	99 40	529·6	952·7	1011·5	−2·0	310·1	313·0	30th	296·3	292·4	1st	303·2	+2·3	*303·0*	8	− 53
518	Saint Louis	38 38	90 12	172·8	993·2	1013·2	−2·4	302·2	307·4	25th	293·6	288·6	19th	297·9	−1·3	*297·8*	107	+ 20
519	Mobile	30 41	88 2	17·4	1014·2	1016·2	0·0	303·5	308·0	29th	296·0	293·0	16th	299·8	−0·2	*299·2*	297	+119
520	Nashville	36 10	86 47	166·4	995·7	1014·9	−1·4	302·8	305·8	11th	294·3	290·8	19th	298·6	−0·8	*298·3*	113	+ 2
521	Charleston	32 47	79 56	14·6	1014·6	1016·2	−0·7	303·6	306·3	28th	296·6	291·9	20th	300·1	−0·3	*299·5*	119	− 66
522	Washington	38 54	77 3	34·1	1009·5	1013·2	−2·7	303·7	308·0	9th	293·0	286·9	6th	298·4	+0·4	*298·1*	95	− 23
523																		
524	Bermuda	32 17	64 30	46·0	..	1023·7	+3·0	301·6	302·9	31st	296·0	294·1	9th, 16th	298·8	0·0	..	30	− 65
531	Horta	38 32	28 38	30	..	1025·2	+0·7	298·0	301	29th	292·6	290	25th	295·3	+1·2	..	64	+ 21
532	Ponta Delgada	37 45	25 41	17	1022·9	1024·9	−0·1	296·9	299·2	29th	291·9	289·3	25th	294·4	+0·1	..	14	+ 11
533	Madeira (Funchal)	32 38	16 55	25	1017·2	1020·1	−1·1	296·3	298·2	30th	287·7	285·5	3rd	292·0	−1·0	*293·4*	0	− 2
534	Lisbon	38 43	9 9	95	1006·0	1017·2	−0·2	297·9	307·2	7th	289·9	287·4	1st	293·9	−0·8	*293·5*	2	− 2
535	Casablanca	33 37	7 35	? 17	1014·4	1016·3	..	297·1	299·4	..	292·7	290·5	..	294·9	+0·2	*295·1*	0	0
536	Gibraltar	36 6	5 21	16·2	1012·0	1013·8	−1·7	301·3	308·0	7th	..	..	..	..	0·0	*295·8*	0	− 1
		N. ° ′	W. ° ′	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.

* Mean of max. and min. or of observations at fixed hours.

† Computed means for the 24 hours are in *italics*.

JULY—ZONE 5 (Eastern Half). Table representing the Meteorology of the Globe between Latitude 40° N. and 30° N.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure: Mean at Level of Station.	Pressure: Mean at M.S.L.	Pressure: Diff. from Normal.	Temperature: Mean Max.	Temperature: Absolute Max.	Temperature: Date.	Temperature: Mean Min.	Temperature: Absolute Min.	Temperature: Date.	Temperature: *Mean.	Temperature: Diff. from Normal.	Temperature: †24 hr. Mean.	Precipitation: Total.	Precipitation: Diff. from Normal.
		° N. ′	° E. ′	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.
537	Algiers	36 47	3 4	38·5	1010·1	1014·6	−1·3	301·5	311·5	22nd	293·4	290·6	25th	297·5	−0·9	*297·0*	0	− 4
538	Palma	39 33	2 42	23	1013·1	1015·7	−1·9	301·0	304·4	12th	292·6	289·4	5th	296·8	−1·0	..	0	− 11
538a	Tunis	36 48	10 10	43	..	1017·4	+0·5	307·3	317	23rd	291·0	286	7th	299·2	+1·4	..	0	− 4
539	Malta	35 54	14 31	59	..	1015·9	−0·7	300·7	307	20th	294·0	291	7th, 10th	297·4	−1·3	..	0	− 2
540	Catania	37 30	15 3	64·9	1005·9	1013·5	−1·3	302·4	310·1	19th	290·6	287·0	7th	296·5	−2·1	..	0	− 4
541	Athens	37 58	23 43	107·1	..	1010·3	−2·7	304·6	309	21st	294·7	291	7th, 8th	299·6	−0·8	*299·2*	0	− 5
542	Alexandria	31 9	29 54	32·0	..	1009·8	+0·3	302·4	306	22nd	293·9	291	2nd	298·2	−1·4	*297·2*	0	− 0
543	Cairo (Helwan)	29 52	31 20	115·6	..	1008·8	−0·4	308·4	314	23rd	293·5	291	3rd	301·0	−0·2	300·9	0	− 0
544	Nicosia	35 12	33 24	152	..	1005·1	−1·7	310·2	313·0	24th	290·3	289·1	14th, 15th	300·2	−1·0	*299·5*	0	− 2
544a	Beirut	33 54	35 28	52·4	..	1006·4	−0·5	303·4	306	24th	295·6	293	12th	299·5	−0·2	..	0	− 0
545	Baghdad	33 21	44 28	38·7	994·8	999·0	−1·3	317·2	319·8	12th	299·3	295·7	14th	308·3	+1·2	..	0	− 0
546	Lenkoran	38 46	48 52	−19	..	1008·3	−1·7	..	305	..	..	291	..	..	+0·4	*299·4*	0	− 25
547	Busrah	30 31	47 53	7·6	997·3	997·9	−1·5	313·6	315·7	11th	302·3	299·7	7th	307·9	+1·2	..	0	− 0
548	Meshed	36 16	59 35	946	901·3	1004·5	..	307·1	311·7	19th	285·6	281·2	1st, 2nd	296·3	−1·9	..	0	− 2
549	Quetta	30 11	67 3	1677	826·3	..	+0·5	306·5	309·4	20th	290·2	285·5	3rd	298·3	−0·6	*298·1*	8	− 11
550																		
551	Lahore	31 34	74 20	214	975·3	998·9	+0·9	309·8	312·7	5th	300·2	296·7	11th	305·0	−0·2	*304·5*	82	− 57
551a	Simla	31 7	77 8	2205	777·3	..	+0·8	292·1	294·0	3rd	288·1	286·9	14th	290·1	−1·1	*289·9*	683	+252
552	Leh	34 10	77 42	3503	664·1	..	0·0	297·7	301·4	18th	283·4	279·4	12th	290·6	−0·4	*289·6*	12	0
552a	Dehra Dun	30 20	78 0	681	926·2	1000·8	+0·3	301·8	304·9	4th	295·9	294·4	14th	298·9	−0·7	*298·3*	878	+193
559	Hang Kow	30 35	114 17	37·0	998·7	1002·8	−1·0	306·6	312·1	29th	299·0	295·0	14th	302·8	+0·5	*302·3*	197	− 20
560	Tiensin	39 10	117 10	5·0	1001·5	1002·1	−1·7	306·4	312·0	7th	295·9	291·5	19th	301·2	+1·3	..	191	+ 20
561	Shanghai (Zi-Ka-Wei)	31 12	121 26	7	1001·9	1002·7	−1·2	306·7	311·3	25th	297·4	293·8	13th	302·0	+1·1	301·0	82	− 57
562	Jinsen (Chemulpo)	37 29	126 32	67·0	997·7	1005·5	−0·9	298·6	305·7	30th	293·0	288·5	2nd	295·8	−1·5	295·4	237	+ 22
562a	Nagasaki	32 44	129 52	133·0	992·3	1007·5	−1·2	303·1	308·1	30th	295·4	288·5	5th	299·2	+0·1	298·8	107	−145
563	Kioto	35 1	135 46	49·4	1002·6	1008·3	−0·9	304·2	307·3	20th	293·3	285·9	5th	298·8	+0·3	298·3	206	− 10
564	Tokio	35 41	139 45	21·3	1006·5	1008·9	−0·7	299·4	305·7	21st	293·0	288·8	4th	296·2	−1·1	296·0	147	+ 7
565	Miyako	39 38	141 59	30·4	1006·5	1010·0	+0·4	296·3	304·2	21st	289·4	282·8	2nd	292·9	−0·7	292·1	78	+ 64
566		N.	E.															

JULY—ZONE 6. Between Latitude 30° N. and 20° N.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure: Mean at Level of Station.	Pressure: Mean at M.S.L.	Pressure: Diff. from Normal.	Temperature: Mean Max.	Temperature: Absolute Max.	Temperature: Date.	Temperature: Mean Min.	Temperature: Absolute Min.	Temperature: Date.	Temperature: *Mean.	Temperature: Diff. from Normal.	Temperature: †24 hr. Mean.	Precipitation: Total.	Precipitation: Diff. from Normal.
		° N.	° W.	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.
605	Honolulu	21 19	157 52	11·6	1015·7	1017·0	−0·2	300·6	301·9	..	294·8	293·6	..	297·7	−0·7	..	24	− 11
606																		
615	Zacatecas	22 47	102 33	2610	748·3	..	..	290·2	293·2	30th	283·0	281·4	15th	286·6	..	..	108	..
616	Leon	21 7	101 41	1798·6	823·2	..	−0·4	298·8	302·2	8th	287·6	282·1	21st	293·2	−0·6	..	196	+ 39
617	Galveston	29 18	94 50	16·5	1013·6	1015·6	+0·3	303·0	304·7	31st	298·2	291·9	19th	300·6	−0·7	*300·5*	157	+ 56
618	New Orleans	29 58	90 4	15·6	1014·2	1015·9	0·0	304·1	308·0	29th	296·6	293·0	19th	300·4	−0·1	*299·8*	163	− 2
619	Havana	23 8	82 22	24·3	..	1017·2	+0·6	302·7	304·1	24th	296·3	294·5	1st	299·5	−0·4	*299·2*	92	− 29
620	Key West	24 33	81 48	6·7	1016·3	1016·9	0·0	304·1	305·2	31st	298·4	294·7	19th	301·3	−0·5	*301·4*	65	− 26
621	Nassau, Bahamas	25 5	77 21	7·6	1016·3	1017·2	+0·2	303·3	304·4	1, 18, 22	297·2	293·6	28th	300·3	−0·6	..	86	− 76
622																		
633	Puerto de Orotava	28 25	16 32	? 100	..	..	..	295·4	297·2	..	290·4	288·7	..	292·9	−2·2	..	0	0
634	Las Palmas, Canary Islands	28 7	W15 26	7	1016·5	1017·3	−2·0	297·6	298·4	17th	292·2	291·4	1, 6, 12	294·9	−0·7	..	0	− 1
637	Insalah	27 17	E 2 27	330	976·0	1012·2	−0·9	319·7	324·6	18th	299·9	297·0	8th	309·8	−0·2	*309·8*	0	..
638																		
641	Dakhla Oasis	25 30	29 0	130·0	..	1010·6	+0·1	313·7	317	23rd	296·8	294	3, 5, 31	305·2	+0·6	*306·5*	..	..
642	Wadi Halfa	21 55	31 20	128·3	..	1006·8	−1·3	314·6	318	12th	296·9	291	6th	305·8	+0·8	*306·3*	..	..
643	Suez	29 57	32 32	3·4	..	1008·4	+0·3	309·6	315	24th	295·3	293	8th	302·4	+0·9	..	0	0
644	Aswan	24 2	32 53	99·6	..	1007·0	−0·8	315·4	319	11th	299·5	297	1st, 31st	307·4	+0·9	*309·0*	..	..
647	Bushire	28 59	50 53	4	997·3	997·8	+0·4	308·2	312·6	15th	301·4	298·6	11th	304·8	−0·3	..	0	0
648	Jask	25 44	57 47	4	998·2	998·8	−0·2	307·9	311·5	20th	302·9	301·8	28th	305·4	+0·1	..	0	0
649	Kurrachee	24 53	66 57	4	1000·2	1000·6	+1·3	303·8	306·9	1st.	299·8	296·9	8th	301·8	+0·1	*301·1*	207	+128
650	Hyderabad, Sind	25 24	68 18	29	995·3	998·5	+0·8	307·7	314·7	6th	299·6	294·7	8th	303·6	−1·5	..	156	+ 82
651	Jaipur	26 56	75 52	436	953·6	1001·8	+1·8	307·6	312·6	23rd	298·1	295·3	6th	302·9	−0·1	*302·2*	71	−120
652	Nagpur	21 8	79 5	310	969·0	1003·9	+1·9	304·1	308·3	18th	296·7	292·9	6th	300·4	−0·1	*299·8*	327	− 38
653	Allahabad	25 25	81 51	94	990·5	1001·0	+1·8	307·5	311·7	1st, 21st	299·4	297·2	6th	303·4	+0·7	*302·8*	155	−144
654	Calcutta	22 36	88 23	6	1001·8	1002·5	+2·2	305·1	307·8	8, 14, 18	298·9	296·9	26th, 28th	302·0	+0·5	*301·8*	283	− 44
655	Gauhati	26 8	91 41	59	996·9	1003·6	..	304·0	306·2	4 days	298·0	296·9	4 days	301·0	..	..	343	+ 86
655a	Cherrapunji	25 15	91 42	1314	861·4	..	..	294·8	299·2	3rd	290·4	284·7	13th, 16th	292·6	..	..	3231	+572
656	Shillong	25 33	91 48	1500	845·8	..	..	296·2	299·6	3rd, 4th	290·4	289·5	7 days	293·3	..	..	697	+308
656a	Akyab	20 11	92 56	6	1005·1	1005·8	+1·8	302·3	305·2	3rd	297·7	295·8	26th, 27th	300·0	−0·3	*300·1*	794	−546
657	Phu Lien	20 48	106 37	115·6	990·5	1003·6	+0·7	306·7	311·3	14th	298·9	294·2	21st	302·8	+0·6	302·0	162	−119
658	Moncay	21 31	107 51	10	1002·6	1003·7	+1·0	306·2	308·4	9th	298·1	294·4	20th	302·2	+0·6	*301·5*	401	− 93
659																		
660	Hong Kong	22 18	114 10	33·2	..	1005·7	+0·8	303·6	305·6	17th	299·0	296·7	1st, 2nd	301·3	+0·3	300·9	353	+ 29
661	Taihoku, Formosa	25 2	121 31	9·3	1004·2	1005·2	−0·6	307·3	309·5	28th	297·2	295·6	22nd	302·3	+0·7	301·7	142	− 64
662	Naha	26 13	127 41	10·5	1005·6	1006·8	−1·1	305·7	308·1	21st	298·6	296·6	28th	302·1	+1·2	301·9	127	− 57
		N. °	E. °	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.

* Mean of max. and min. or of observations at fixed hours. † Computed means for the 24 hours are in *italics*.

Table representing the Meteorology of the Globe between Latitude 20° N. and 10° N. JULY—ZONE 7.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure: Mean at Level of Station.	Pressure: Mean at M.S.L.	Pressure: Diff. from Normal.	Temperature: Mean Max.	Temperature: Absolute Max.	Temperature: Date.	Temperature: Mean Min.	Temperature: Absolute Min.	Temperature: Date.	Temperature: *Mean.	Temperature: Diff. from Normal.	Temperature: †24 hr. Mean.	Precipitation: Total.	Precipitation: Diff. from Normal.
		° N. ′	° W. ′	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.
715	Zapotlanejo	19 38	103 37	..	..	..	..	..	301·0	..	..	286·0	..	..	..	..	199	..
716	Morelia	19 42	101 7	1951	810·5	..	..	294·7	298·8	1st	286·1	283·4	31st	290·4	..	*289·5*	114	..
717	Salina Cruz	16 12	95 12	56·3	1006·5	1013·0	..	..	306·5	5th	..	293·6	5th	..	..	*298·9*	318	..
718	Mexizo	19 26	99 8	2280	780·5	..	−0·2	295·3	298·5	4th	284·4	282·2	24th, 28th	289·9	−0·7	289·1	169	+ 54
718a	Oaxaca	17 4	96 44	1563	847·1	..	..	299·2	302·0	4th	287·5	284·8	30th	293·4	..	*292·3*	108	..
719	Belize	19 29	88 12	1·9	..	..	..	..	304·1	..	..	296·3	..	..	..	..	152	−111
720	San Salvador	13 44	89 9	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
721	Jamaica (Negril Point)	18 15	78 23	10·1	..	1014·6	+0·7	303·8	305·2	4th	294·9	293·8	6th	299·3	−0·5	*298·8*	208	+ 58
722	Port au Prince	18 34	72 22	37·4	1011·1	1015·4	+0·4	307·3	309·6	..	295·4	293·4	..	300·7	−0·4	300·4	55	− 7
723	St. Croix (Christiansted)	17 45	64 42	6·6	1013·8	1014·5	..	303·0	304·7	..	298·3	296·7	..	300·7	..	..	30	..
724	Grenada (Richmond Hill)	12 3	61 45	155·8	995·5	1013·4	+0·2	301·8	303·0	17, 19, 31	296·7	295·2	16th, 29th	299·3	+0·2	*298·6*	219	− 22
725	Barbados	13 8	59 36	55·2	..	1014·1	+1·7	302·4	303·7	..	297·8	294·1	..	300·1	+0·2	*299·9*	121	− 31
731	St. Vincent, C. Verde Is.	16 54	25 4	11	1012·1	1013·3	−0·6	299·5	302·0	30th	295·4	294·5	13, 19, 20	297·4	−0·4	..	3	− 3
732	San Tiago, C. Verde Is.	14 54	23 31	34	1009·2	1013·1	..	300·7	302·8	11th	296·3	295·2	1st, 5th	298·5	0·0	..	0	− 12
733	Bathurst	13 24	16 36	1·5	..	1012·3	−0·4	302·0	306·9	14th	296·2	294·1	4th, 20th	299·1	−0·4	*299·5*	304	+ 16
734	M'Carthy Island	13 42	14 46	1·1	..	..	..	305·9	311·9	11th	294·9	292·4	20th	300·4	+0·3	..	240	+ 58
735	Ségou	13 34	6 17	272	..	..	..	305·0	311·0	6th	295·0	293·0	7th	300·0	..	..	215	..
736	Timbouctoo	16 43	W 2 52	250	980·1	1007·9	−0·4	313·5	319·2	9th	297·6	292·8	29th	305·5	−0·1	*304·6*	46	..
737	Sokoto	13 2	E 5 14	354	..	..	..	305·5	309·1	1, 2, 6	296·1	293·6	16th	300·8	+0·3	..	165	− 7
738	Kontagora	10 24	5 29	400	..	..	..	302·1	306·9	1st	293·8	291·3	16th	297·9	−0·5	..	338	+133
739	Maiduguri	11 48	13 12	361	..	..	..	306·9	310·8	1, 8, 21	293·9	291·9	29th, 30th	300·4	−1·2	..	169	+ 23
740	Katagum	12 17	10 22	30·7	..	..	..	305·4	310·2	1st	295·4	292·4	19th, 25th	300·4	−0·4	..	128	− 1
742	Kadugli	11 2	29 45	503	..	..	..	303·6	307·0	3rd, 14th	292·8	290·0	16th	298·2	..	..	103	..
743	El Obeid	13 11	30 14	585	..	1011·9	−0·7	306·1	311	3rd	294·0	291	12th	300·0	−1·0	*299·8*	116	+ 4
744	Khartoum	15 37	32 33	390	..	1008·8	+0·1	312·3	316	1st	298·0	293	24th	305·2	0·0	*305·3*	38	− 20
746	Aden	12 45	45 3	28·7	1001·3	1004·4	+0·6	307·6	310·1	7th	301·7	300·7	7th, 10th	304·7	+0·7	*304·6*	0	− 1
751	Bombay	18 54	72 49	11·3	1004·8	1005·9	+1·0	302·9	304·7	22nd	299·0	297·7	6, 28, 31	300·9	+0·7	*300·1*	165	−474
752	Mysore	12 18	76 40	768	924·1	1009·8	−0·3	301·0	304·1	14, 18, 22	292·5	291·1	15th, 16th	296·8	−0·1	*295·7*	169	+105
752a	Kodaikanal	10 13	77 28	2343	768·3	..	−0·4	289·8	293·0	14th	284·2	281·9	11th	287·0	−0·3	286·3	278	+151
753	Madras	13 4	80 14	6·7	1005·6	1006·3	−0·1	307·5	312·2	7th	298·7	296·1	28th	303·1	−0·6	302·0	194	+ 90
754	Waltair	17 45	83 16	68·9	996·5	1004·2	+2·1	303·2	306·9	1st	298·6	295·7	4th	300·9	..	*300·1*	275	+173
755	Port Blair	11 40	92 40	17·7	1006·0	1008·0	+0·2	303·3	305·9	20th	298·3	296·1	7th, 31st	300·8	+0·4	*300·0*	264	−135
756	Rangoon	16 46	95 48	5·5	1007·2	1008·0	+1·0	303·2	305·3	13, 19, 24	297·8	295·7	4th	300·5	+0·5	*299·5*	360	−172
757	Saigon	10 46	106 42	11·2	..	..	..	..	..	..	..	..	..	..	..	..	284	− 12
758	Nhatrang	12 16	109 12	6·8	1005·8	1006·5	+1·4	307·1	309·6	17th	296·7	294·9	9th	301·9	+0·3	..	53	− 7
759	Bolinao	16 24	119 53	7·5	..	1007·3	+1·5	304·7	306·9	19th	296·7	295·1	15th	300·7	+0·2	300·1	254	−522
760	Vigan	17 34	120 23	20	..	1007·7	+1·5	304·3	306·1	25th	296·8	294·9	16th	300·6	−0·1	300·1	306	−394
761	Manila	14 35	120 59	14·2	..	1008·0	+0·5	304·9	307	25th	296·1	294·6	8th	300·5	−0·4	299·7	215	−174
762	Ormoc	11 0	124 36	5·6	..	1008·3	+0·5	304·1	306·1	19th	295·0	293·2	17th	299·6	−0·3	299·2	152	−173
765	Guam, Ladrone Is.	13 24	144 38	20·4	..	1008·0	0·0	303·0	304·6	19, 20, 21	296·8	295·8	16th, 27th	299·9	−0·4	..	258	− 97
		N.	E.															

Between Latitude 10° N. and 0°. JULY—ZONE 8.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure: Mean at Level of Station.	Pressure: Mean at M.S.L.	Pressure: Diff. from Normal.	Temperature: Mean Max.	Temperature: Absolute Max.	Temperature: Date.	Temperature: Mean Min.	Temperature: Absolute Min.	Temperature: Date.	Temperature: *Mean.	Temperature: Diff. from Normal.	Temperature: †24 hr. Mean.	Precipitation: Total.	Precipitation: Diff. from Normal.
		° N.	° W.	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.
805	Fanning Island	3 55	159 23	4·3	..	..	..	301·8	303·0	17th	297·4	295·2	6th	299·6	−1·1	*299·2*	178	− 29
819	Culebra	9 10	79 40	52·4	..	..	..	..	..	..	..	..	..	..	..	..	416	+175
823	El Peru, Guayanavieja	7 30	62 0	? 300	985·4	..	..	304·1	306·0	9th	293·3	291·2	14th	298·7	..	298·0	202	..
825	Georgetown, Brit. Guiana	6 50	58 12	1·8	1014·0	1014·2	+1·0	302·7	303·6	2, 23, 24	296·7	295·2	6th	299·7	−0·0	298·8	284	+ 12
826	Paramaribo	5 49	55 9	4	1013·4	1013·8	−0·4	303·4	305·4	30th	295·4	293·7	15th	299·4	−0·6	*298·8*	74	−135
826a	Cayenne	4 56	52 21	6	..	..	..	303·7	305·2	27th	295·5	294·2	13th	299·6	−0·3	*299·6*	223	+ 47
833	Conakry	9 31	13 43	16	1010·6	1012·4	−1·0	301·6	?307·0	..	297·0	294·5	..	299·3	+0·7	*299·5*	1108	−320
834	Sierra Leone	8 30	13 9	68·3	1003·3	1011·2	−2·0	302·3	305·8	12th	295·1	292·6	11th	298·7	−0·4	..	1098	+210
835	Cape Coast Castle	5 5	1 13	..	..	..	..	301·6	303·6	4th	294·8	289·7	12th, 31st	298·2	−0·1	..	123	+ 68
836	Accra	5 35	W 0 6	18	..	..	..	..	..	..	..	..	..	..	..	..	82	+ 46
837	Lagos	6 27	E 3 24	7·6	..	..	..	302·3	304·7	..	295·4	294·1	..	298·9	+0·7	..	541	+254
838	Zungeru	9 48	6 10	130	..	1012·5	−1·0	302·7	305·8	15th	294·9	292·4	16th	298·8	−0·2	..	180	− 29
838a	Libreville	0 23	9 26	35	..	..	..	301·8	305·1	8th	293·7	292·4	30th	297·8	+0·6	..	0	− 3
839	Yola	9 12	12 30	259	..	..	..	303·1	306·9	8th	295·0	292·4	29th, 30th	299·1	+0·1	..	132	− 27
841	Kafia Kingi	9 22	24 18	596	945·7	1012·3	..	303·3	306·5	9th	292·8	291·0	27th, 30th	298·1	..	..	198	..
842	Wau	7 42	28 3	440	..	1011·1	..	304·5	307·3	17th	..	291·3	12th	..	..	..	321	+138
843	Entebbe	0 5	32 29	1171	883·4	..	−1·4	297·9	299·1	21st	289·2	287·7	20th, 27th	293·6	+0·2	*293·1*	52	− 22
844	Nandi	0 2	35 5	2010	..	..	..	..	..	..	..	..	..	..	..	..	308	+101
845	Harrar	9 42	42 30	1856	..	..	..	295·4	298·0	25th, 26th	286·2	284·0	12th	290·8	..	..	83	..
851	Cothin	10 0	76 21	2·7	1009·4	1009·8	−0·5	301·9	303·4	4 days	296·6	293·9	24th	299·2	+0·3	*298·4*	605	+ 24
852	Colombo Observatory	6 54	79 53	7·3	1007·4	1008·2	−0·6	303·0	304·2	6, 17, 18	297·3	295·7	10th	300·2	−0·3	*299·4*	94	− 59
853	Candy	7 18	80 40	504·5	..	..	..	300·7	303·6	20th	293·4	290·6	23rd	297·1	+0·2	..	181	− 6
855	Medan	3 35	98 41	23·5	..	1009·2	−0·5	..	..	..	..	..	..	..	..	..	213	+ 79
856	Kota Radja	5 32	95 20	7·1	..	1009·1	−0·8	..	..	..	..	....	..	..	..	..	19	− 89
857	Penang	5 34	100 20	4·9	1009·0	1009·5	+0·1	305·4	306·3	8th, 18th	294·8	294·1	sev.	300·1	−0·6	..	76	−155
858	Singapore	1 17	103 51	2·2	1009·0	1009·2	+0·6	303·6	305·8	4th	296·4	295·4	30th	300·0	−0·2	..	165	− 11
860	Sandakan	5 49	118 12	..	..	..	..	304·3	305·8	13th	297·1	295·8	2nd	300·7	+0·1	..	197	+ 29
861	Tagbilaran	9 38	123 51	26·2	..	1007·5	−0·3	305·6	308·2	21st, 31st	297·4	295·4	22nd	301·5	..	*300·5*	68	−225
862	Surigao	9 48	125 29	6	..	1008·0	+0·4	304·6	305·9	11th	296·0	295·0	24th	300·3	−0·5	300·0	143	− 18
863	Yap	9 29	138 8	31·9	..	1007·9	+0·8	303·9	305·2	27th	297·2	295·6	15th	300·6	+0·2	..	188	−226
869	Uyelang	9 42	161 3	<10	1009·5	..	−0·3	..	..	..	..	..	..	..	..	..	190	− 29
		N. °	E. °	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.

* Mean of max. and min. or of observations at fixed hours. † Computed means for the 24 hours are in *italics*.

JULY—ZONE 9.

Table representing the Meteorology of the Globe between Latitude 0° and 10° S.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure: Mean at Level of Station.	Pressure: Mean at M.S.L.	Pressure: Diff. from Normal.	Temperature: Mean Max.	Temperature: Absolute Max.	Temperature: Date.	Temperature: Mean Min.	Temperature: Absolute Min.	Temperature: Date.	Temperature: *Mean.	Temperature: Diff. from Normal.	Temperature: †24 hr. Mean.	Precipitation: Total.	Precipitation: Diff. from Normal.
		° S. ′	° W. ′	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.
905	Malden Island	3 59	155 0	8·8	1010·2	1011·2	+1·2	304·9	305·8	18th	296·9	294·1	6th	300·9	−0·3	*300·0*	14	− 35
906																		
923	Manaos	3 8	59 59	44·9	1004·7	1009·8	..	304·5	307·0	9th	296·5	295·0	27th	300·5	..	..	64	+ 35
929	Quixeramobim	5 16	39 18	207·0	989·9	1013·5	−0·7	303·8	305·6	26th	295·4	292·6	4th	299·6	0·0	*299·4*	0	..
930	Fernando Noronha	3 51	W32 25	95	..	..	..	..	..	..	..	..	..	..	..	..	..	..
939	Sainte-Croix-des-Eshiras	1 44	E10 21	195	..	..	..	303·1	305·0	24th	290·2	287·6	31st	296·7	+0·8	..	0	0
940	Loango	4 38	11 45	? 50	..	..	..	298·7	300·2	1st	292·5	291·2	6th	295·6	..	*295·2*	0	..
943	Daressalam	6 49	39 18	7·6	1015·9	1016·7	−1·4	299·7	301·1	25th, 26th	291·8	289·6	20th	295·8	−0·7	295·4	17	− 20
944	Nairobi	1 18	36 59	1660	..	..	..	293·3	296·9	10th	281·7	278·0	16th	287·5	−1·0	..	74	+ 59
944a	Zanzibar	6 10	39 11	21·9	1016·1	1018·6	−0·7	299·6	300·5	10th	295·2	294·2	5th	297·4	−0·3	*296·7*	84	+ 13
945																		
946	Lamu	2 16	40 54	3·0	..	..	..	..	..	..	..	..	..	..	..	..	66	− 24
947	Seychelles	4 37	55 27	4·6	1011·8	1012·4	−1·3	299·9	300·8	..	297·3	296·6	..	298·6	+0·2	*297·9*	43	− 14
948																		
955																		
956	Padang	0 56	100 22	6·7	..	1010·0	−1·3	..	..	..	..	..	..	..	..	..	384	+ 74
957	Batavia	6 11	106 50	8	..	1009·5	−0·8	303·4	305·4	18th	295·9	294·9	6th, 31st	299·6	+0·4	299·3	26	− 40
958	Pontianak	0 1	109 20	2·6	..	1008·3	−0·8	..	..	..	..	..	..	..	..	..	218	+ 58
959	Passeroean	7 38	112 56	5·0	1009·4	1010·0	−0·9	303·9	305·0	..	295·2	293·5	..	299·6	..	*299·6*	44	+ 13
960	Kajoemas	7 56	114 9	950	..	..	..	..	..	..	..	..	..	..	..	..	..	..
961	Koepang	10 10	123 34	3·3	..	1010·1	−1·1	..	..	..	..	..	..	..	..	..	2	− 4
962	Ambon	3 42	128 10	4·2	..	1009·7	−0·9	..	..	..	..	..	..	..	..	..	1020	+404
965	Daru	9 4	143 13	8	..	1010·1	−1·8	301·9	..	..	297·1	..	..	299·5	+1·3	..	120	+ 6
966	Port Moresby	9 29	147 9	39	..	1010·8	−0·4	302·3	..	..	296·6	..	..	299·4	+0·6	..	13	− 22
967	Rakuranga	4 13	152 8	? 120	..	..	..	306·3	308·0	..	294·5	293·0	..	300·4	..	..	46	..
968	Rendova	8 24	157 19	..	..	..	..	..	..	..	..	..	..	..	..	..	171	−190
969	Tulagi, Brit. Solomon Is.	9 5	160 8	53·6	1003·9	1010·1	+0·1	301·7	302·4	1, 15, 31	296·5	295·2	6th, 29th	299·1	..	..	102	− 60
970	Ocean Island	0 52	169 36	485	..	1010·6	+2·7	304·5	305·5	16th	297·6	295·5	28th	301·1	+0·3	*300·5*	116	− 39
		S.	E.															

JULY—ZONE 10.

Between Latitude 10° S. and 20° S.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure: Mean at Level of Station.	Pressure: Mean at M.S.L.	Pressure: Diff. from Normal.	Temperature: Mean Max.	Temperature: Absolute Max.	Temperature: Date.	Temperature: Mean Min.	Temperature: Absolute Min.	Temperature: Date.	Temperature: *Mean.	Temperature: Diff. from Normal.	Temperature: †24 hr. Mean.	Precipitation: Total.	Precipitation: Diff. from Normal.
		° S.	° W.	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.
1001																		
1002	Apia, Samoa	13 49	171 45	4	1012·0	1012·4	+0·6	301·1	302·2	..	295·7	292·5	..	298·4	+0·6	*298·4*	28	− 42
1003	Alofi, Niue Island	19 2	169 55	36·6	1012·2	1016·4	−0·6	301·5	306·9	29th	292·7	287·4	6th	297·1	+0·9	..	95	+ 44
1004																		
1007	Makatea	15 47	148 14	39	1010·9	1015·4	+2·9	300·6	301·8	..	295·7	292·0	..	298·2	..	..	93	..
1008																		
1021	Puerto de Arica	18 28	70 20	5	1018·1	1018·7	..	292·5	295·2	9th	284·7	281·0	20th	288·6	−1·4	*287·7*	..	..
1022	Arequipa	16 22	71 33	2451	761·5	..	0·0	291·7	294·7	28th	281·7	278·6	14th, 15th	286·7	−0·1	..	0	0
1023																		
1024	Sucre, Bolivia	19 3	67 17	2844	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1025	Araguaya	15 33	52 59	488	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1026	Cuyaba	15 35	56 0	235	988·8	1015·7	−5·7	302·9	306·2	27th	294·2	290·0	17th	296·7	+1·0	..	14	+ 3
1027	Bello Horizonte	19 54	43 30	857	918·0	1015·1	..	298·2	302·0	..	281·0	275·2	11th	298·6	+1·2	..	7	+ 3
1028	Caetite	14 2	42 37	900	917·1	1017·7	..	300·5	304·5	17th	289·6	283·2	9th	289·6	..	..	2	..
1029	Ondina	13 0	38 30	45·2	1008·5	1013·8	..	298·3	301·1	21st	294·1	292·6	18th	293·9	..	..	0	..
1030	Aracaju	10 55	37 4	4·3	1016·0	1016·5	..	300·8	302·8	11th	295·5	292·4	16th	296·2	..	..	124	..
1035	St. Helena	15 57	W 5 40	?620	949·4	1021·4	+0·2	290·4	292·5	16th	285·3	284·1	3rd, 30th	298·1	..	..	81	..
1036														287·9	0·0	*287·5*	130	+ 31
1041																		
1042	Gwelo	19 26	E 0 2	1416	861·7	..	−1·4	294·4	299·6	..	275·3	271·9	..	284·9	−1·0	..	2	+ 2
1043	Salisbury, Rhodesia	17 48	31 5	1487	860·7	..	−0·9	294·8	299·6	..	277·2	273·8	..	286·0	−0·3	..	1	+ 1
1044	Zomba	15 23	35 18	954	911·3	1019·7	−0·2	294·3	298·0	26th	283·8	280·2	18th	289·1	−0·4	*287·4*	18	+ 10
1045	Tamatave	18 9	49 26	4	1020·1	1020·6	0·0	298·0	302·8	..	290·5	288·0	..	294·3	+0·1	..	335	+ 77
1046	Tananarivo	18 55	47 32	1400	868·6	..	−0·1	292·7	296·1	10th	281·8	279·3	6th	287·3	−0·8	286·3	1	− 5
1055	Cocos Keeling Is.	12 5	96 54	4·6	..	1012·0	−1·8	299·6	301·6	5th	296·8	295·9	11th	298·2	−0·6	..	361	+ 32
1056																		
1057	Christmas Is.	10 25	105 43	5·5	1007·8	1008·4	−1·2	302·7	304·2	..	296·6	294·7	..	299·7	+0·2	..	208	+ 54
1058																		
1061	Derby	17 18	123 40	16·2	..	1014·2	−0·7	303·0	307·7	12th	290·3	286·1	19th	296·7	+1·4	..	0	− 6
1062	Hall's Creek	18 13	127 46	373·6	..	1014·5	−2·4	301·8	306·8	11th	285·8	277·0	20th	293·8	+2·9	..	0	− 7
1063	Port Darwin	12 28	130 51	29·6	..	1011·8	−0·6	304·4	306·9	13th	294·6	289·7	19th	299·5	+1·6	*298·3*	0	− 2
1064	Daly Waters	16 16	133 23	210·6	..	1012·8	..	303·8	308·0	7th	287·2	279·7	19th	295·5	+2·4	*294·7*	7	+ 6
1065	Mein	13 13	142 57	121·9	..	1011·3	..	302·8	304·8	8th	291·6	286·1	1st	297·2	..	..	2	− 1
1066	Georgetown, Queensland	18 23	143 33	301·8	..	1014·6	..	302·9	306·6	13th	285·0	274·7	18th	294·0	..	..	0	− 3
1067	Samarai	10 37	150 40	6·4	..	1012·3	+0·7	301·1	..	..	296·9	..	..	299·0	+0·7	..	166	− 92
1068																		
1070	La Kolle	17 40	168 20	30	..	..	..	300·9	303·9	27th	288·8	284·5	15th	294·9	..	..	51	..
1072	Suva, Fiji	18 8	178 26	13·4	..	1015·8	+0·2	300·7	304·7	1st	293·3	289·1	7th	297·0	+0·9	..	80	− 37
		S. ° ′	E. ° ′	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.

* Mean of max. and min. or of observations at fixed hours.

† Computed means for the 24 hours are in *italics*.

Table representing the Meteorology of the Globe between Latitude 20° S. and 30° S.

JULY—ZONE 11.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure: Mean at Level of Station.	Pressure: Mean at M.S.L.	Pressure: Diff. from Normal.	Temperature: Mean Max.	Temperature: Absolute Max.	Temperature: Date.	Temperature: Mean Min.	Temperature: Absolute Min.	Temperature: Date.	Temperature: *Mean.	Temperature: Diff. from Normal.	Temperature: †24 hr. Mean.	Precipitation: Total.	Precipitation: Diff. from Normal.
		° S. ′	° W. ′	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.
1105	Rarotonga (Avarua)	21 12	159 47	..	..	..	..	298·5	299·7	4, 29, 30	292·9	288·3	19th	295·7	..	..	30	− 48
1106																		
1115	Mataveri, Easter Island	27 10	109 26	30	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1116																		
1121	Punta Tortuga, Coquimbo	29 56	71 21	27	1014·3	1017·6	+0·2	289·4	291·8	2nd	..	..	..	285·3	..	*284·9*	15	−19
1122	Puerto de Antofagasta	23 38	70 25	4	1016·0	1016·5	−1·4	296·4	297·1	28th	282·3	281·3	13th	289·3	−0·3	*288·3*	0	− 9
1125	Goya	29 9	59 15	64	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1126	Porto Alegre	30 1	51 13	24·5	1015·2	1018·2	..	289·3	297·5	1st	280·0	273·0	8th	284·7	..	*287·0*	85	+ 7
1127	Curityba	25 25	49 15	908	915·5	1020·1	−1·8	290·7	298·2	29th	278·4	269·1	19th	284·6	−1·2	*284·3*	116	+ 51
1128	Rio de Janeiro	22 54	W43 10	61	1010·4	1017·7	−2·7	..	302·0	..	..	287·7	..	..	−0·5	292·6	27	− 14
1139	Windhuk	22 34	E17 6	1665·3	836·5	..	..	..	..	..	..	..	..	..	+0·5	287·0	..	..
1140																		
1141	Johannesburg	26 11	28 4	1806	..	..	..	289·2	294·0	23rd	277·9	270·8	9th	283·6	+0·1	*283·1*	0	− 5
1142	Kimberley	28 42	28 47	1202	886·9	..	−1·3	291·3	..	..	275·1	..	..	283·2	−0·1	282·5	13	+ 4
1142a	Pretoria	25 45	28 11	1339	..	..	..	294·8	297·3	24th	274·6	270·7	12th	284·7	+0·5	..	0	− 2
1143	Durban	29 51	31 0	80	1012·1	1021·7	−2·3	295·9	301·2	19th	285·4	282·4	12th	290·7	−0·3	..	10	− 18
1144	Lorenzo Marques	25 58	32 36	59	..	1022·1	−0·5	297·2	304·9	24th	285·1	282·0	17th	291·2	−0·5	290·5	32	+ 18
1147	Mauritius	20 6	57 33	54·3	1013·2	1019·7	−0·9	296·9	298·6	22nd	290·1	285·7	12th	293·5	+0·4	293·1	102	+ 45
1148																		
1159	Onslow	21 43	114 57	4·3	..	1015·2	−1·6	295·9	298·6	7th	284·1	279·1	6th	290·0	−0·7	..	48	+ 20
1160	Peak Hill	25 38	118 47	588·3	..	1016·3	−2·7	289·5	292·4	7th	280·3	277·2	30th	284·9	−0·6	..	17	− 5
1161	Nullagine	21 53	120 5	385·6	..	1016·6	−1·6	295·1	299·9	8th	282·5	273·6	6th	288·8	+0·8	..	20	+ 1
1162	Laverton	28 40	122 23	466·3	..	1017·6	−3·5	288·8	294·1	20th	278·0	272·7	31st	283·4	−0·3	..	13	− 3
1163	Alice Springs	23 38	133 37	587·0	..	1017·0	−3·4	291·8	300·2	12th	279·9	274·1	7th, 8th	285·9	+1·5	*285·6*	26	+ 16
1164	William Creek	28 55	136 21	76·2	..	1017·0	..	289·9	294·7	22nd	278·3	271·9	20th	284·1	..	*283·9*	10	+ 5
1165	Boulia	22 55	139 38	145·7	..	1015·1	..	296·6	306·6	2nd	282·2	276·7	26th	289·4	..	..	11	+ 5
1166	Mitchell	26 32	147 52	337·1	..	..	..	291·4	299·4	2nd	278·0	271·3	21st	284·7	..	..	32	0
1167	Rockhampton	23 24	150 30	11·3	..	1016·3	..	296·7	302·2	2nd	283·6	277·2	22nd	290·2	..	..	42	+ 1
1168	Brisbane	27 28	153 2	41·7	..	1015·2	−2·9	293·4	298·2	2nd	282·7	278·0	8th	288·1	+0·7	..	10	− 51
1169	Noumea	22 16	166 27	9	1012·9	1014·0	..	298·8	300·6	7th, 18th	290·1	286·8	15th	294·5	+1·1	..	120	+ 29
1170	Norfolk Island	29 4	167 58	..	..	..	..	..	..	..	..	..	..	..	..	..	243	+ 75
		S.	E.															

Between Latitude 30° S. and 40° S.

JULY—ZONE 12.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure: Mean at Level of Station.	Pressure: Mean at M.S.L.	Pressure: Diff. from Normal.	Temperature: Mean Max.	Temperature: Absolute Max.	Temperature: Date.	Temperature: Mean Min.	Temperature: Absolute Min.	Temperature: Date.	Temperature: *Mean.	Temperature: Diff. from Normal.	Temperature: †24 hr. Mean.	Precipitation: Total.	Precipitation: Diff. from Normal.
		° S.	° W.	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.
1219																		
1220	Juan Fernandez	33 37	78 50	10	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1221	Punta Angeles, Valparaiso	33 1	71 38	41	1014·1	1019·1	+1·2	288·1	293·8	16th	281·5	276·4	29th	284·8	−1·3	*283·9*	142	+ 25
1222	Santiago	33 27	70 42	520	956·3	1018·4	−0·1	..	292·1	17th	..	269·9	31st	279·9	−1·5	*279·3*	36	− 41
1223	Cordoba	31 25	64 12	439	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1224	Buenos Ayres	34 16	64 11	25·2	1015·8	1018·9	+0·3	286·4	299·3	1st	276·7	268·4	18th	281·6	−1·7	281·4	64	+ 8
1225	Rio Grande	32 2	52 6	2·3	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1226	Montevideo	34 52	W56 12	29·3	1015·2	1018·8	+2·4	286·3	300·4	1st	277·3	270·6	31st	281·8	−1·8	281·6	41	− 48
1239	Cape Town	33 56	E18 29	12	1017·7	1019·1	−1·9	290·7	299·2	..	283·2	277·9	..	287·0	+1·3	*285·7*	109	+ 19
1240	Danger Point	34 37	19 18	20	..	..	..	289·4	295·2	4th	283·2	279·7	12th	286·3	..	..	80	..
1241	Heidelberg	34 5	20 58	1541	..	..	..	293·8	299·7	18th	278·1	273·6	11th, 12th	285·9	+4·4	..	22	− 5
1242	East London	33 2	27 55	10·1	1018·2	1019·4	−1·6	294·9	304·1	22nd	282·8	279·7	11th, 12th	288·9	+0·7	..	12	− 9
1259	Perth (Observatory)	31 57	115 51	60·0	..	1015·3	−4·2	288·7	291·8	8th	281·9	278·1	15th	285·3	−0·4	..	269	+ 98
1260	Katanning	33 42	117 35	309·7	..	1013·9	−5·1	285·9	288·3	24th	278·4	273·2	7th	282·2	−0·6	..	107	+ 36
1261	Coolgardie	30 57	121 10	423·3	..	1016·2	−4·1	286·8	290·9	25th	277·8	273·0	27th	282·3	−1·3	..	43	+ 23
1262	Eucla	31 45	128 58	4·6	..	1013·9	−6·1	291·1	295·2	21st	279·9	274·2	8th	285·5	+0·1	..	24	+ 1
1263	Streaky Bay	32 48	134 13	13·1	..	1014·8	−5·3	287·6	290·8	30th	281·0	274·7	20th	284·3	−0·1	..	139	+ 81
1264	Adelaide	34 56	138 35	42·7	..	1014·3	−6·3	287·6	291·4	12th	280·6	275·7	18th	284·1	+0·3	*284·0*	103	+ 38
1265	Melbourne	37 49	144 57	35·1	..	1013·5	−5·7	285·7	289·1	12th	278·9	272·9	18th	282·3	+0·2	*282·1*	63	+ 16
1266	Bourke	30 13	145 58	110·1	..	1018·0	−3·0	290·1	293·0	30th	278·3	273·8	21st	284·2	+0·1	..	19	− 3
1267	Sydney	33 51	151 13	44·5	..	1013·6	..	288·3	291·6	2nd	281·2	278·6	19th	284·8	+0·5	..	221	+103
1268	Lord Howe Island	31 32	159 4	..	..	..	..	..	..	..	..	..	..	..	..	..	337	+127
1271	Auckland	36 50	174 50	38·1	..	1005·7	..	287·2	290·2	23rd	281·3	277·2	twice	284·2	+0·3	..	161	+ 32
1272																		
		S.	E.															

Between Latitude 40° S. and 50° S.

JULY—ZONE 13.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure: Mean at Level of Station.	Pressure: Mean at M.S.L.	Pressure: Diff. from Normal.	Temperature: Mean Max.	Temperature: Absolute Max.	Temperature: Date.	Temperature: Mean Min.	Temperature: Absolute Min.	Temperature: Date.	Temperature: *Mean.	Temperature: Diff. from Normal.	Temperature: †24 hr. Mean.	Precipitation: Total.	Precipitation: Diff. from Normal.
		° S.	° W.	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.
1301	Chatham Island	43 52	170 42	46	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1302																		
1321	Punta Corona	41 47	73 52	48	..	..	..	283·3	286·0	sev. dates	277·7	276·0	sev. dates	280·5	−0·5	*280·6*	79	−195
1322	Punta Galera	40 1	73 44	40	1011·3	1016·2	+2·0	283·6	286·8	1st	278·6	275·6	30th	281·1	−0·8	*280·9*	364	+ 41
1323	Bahia Blanca	38 45	W62 12	20	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1324																		
1365	Hobart	42 53	E147 22	53·9	..	1013·7	−0·7	283·8	287·2	13th	276·9	273·4	10th	280·3	−0·3	*280·0*	52	− 3
1366	Launceston	41 27	147 10	9·4	..	1012·9	..	284·7	287·4	25th	276·4	271·3	18th	280·6	..	..	73	− 2
1369																		
1370	Dunedin	45 52	170 31	91	..	1007·6	−3·5	280·1	285·2	2nd	275·1	273·0	four times	277·6	−1·1	..	83	+ 1
1371	Christchurch	43 32	172 38	7·6	..	1008·3	−4·4	282·2	288·7	19th	274·7	268·6	10th	278·4	−0·5	..	153	+ 84
1372	Wellington	41 16	174 46	33·5	..	1006·9	−5·3	284·0	287·9	16th	278·7	275·2	twice	281·4	−0·2	..	70	− 74
		S. ° ′	E. ° ′	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.

* Mean of max. and min. or of observations at fixed hours.

† Computed means for the 24 hours are in *italics*.

JULY—ZONE 14. Table representing the Meteorology of the Globe between Latitude 50° S. and 60° S.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure: Mean at Level of Station.	Pressure: Mean at M.S.L.	Pressure: Diff. from Normal.	Temperature: Mean Max.	Temperature: Absolute Max.	Temperature: Date.	Temperature: Mean Min.	Temperature: Absolute Min.	Temperature: Date.	Temperature: *Mean.	Temperature: Diff. from Normal.	Temperature: †24 hr. Mean.	Precipitation: Total.	Precipitation: Diff. from Normal.
		° S. ′	° W. ′	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.
1421	Islota de los Evangelistas	52 24	75 6	55	999·0	1005·8	+4·6	278·5	280·4	sev. dates	274·2	269·8	1st	276·3	−0·9	*275·3*	227	− 6
1422	Puerto de Punta Arenas	53 10	70 54	4	1004·3	1004·8	+4·2	277·4	280·0	sev. dates	272·9	268·0	sev. dates	275·1	+0·5	*274·5*	42	+ 10
1423	Punta Dungeness	52 24	68 26	5	1004·9	1005·5	+3·3	..	..	..	273·7	270·0	19th	275·6	..	..	3	− 24
1425	Cape Pembroke	51 41	57 42	15	1002·0	1003·8	+0·1	277·7	280·2	1, 7, 31	272·6	268·0	18th	275·1	+0·3	275·8	..	..
1426	Stanley, Falkland Is.	51 41	57 51	4	..	..	..	..	..	..	..	..	..	..	..	..	12	− 41
1429	S. Georgia (Cumberland Bay)	54 14 S.	36 34 W.	3	999·7	1000·1	+2·6	274·3	285·2	22nd	269·8	264·0	27th	272·1	+1·4	*271·9*	131	+ 10

JULY—ZONE 15. Between Latitude 60° S. and 70° S.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure: Mean at Level of Station.	Pressure: Mean at M.S.L.	Pressure: Diff. from Normal.	Temperature: Mean Max.	Temperature: Absolute Max.	Temperature: Date.	Temperature: Mean Min.	Temperature: Absolute Min.	Temperature: Date.	Temperature: *Mean.	Temperature: Diff. from Normal.	Temperature: †24 hr. Mean.	Precipitation: Total.	Precipitation: Diff. from Normal.
		° S. ′	° W. ′	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.
1527 1528	South Orkneys	60 44	44 39	6·9 metres.	996·2	997·1	+2·9	268·4	275·7	22nd	261·7	244·4	25th	265·0	+4·1	265·0	17	− 9

* Mean of max. and min. or of observations at fixed hours. † Computed means for the 24 hours are in *italics*.

DAILY OBSERVATIONS OF WIND WITHIN THE TROPICS.—JULY 1910.

Date	St. Helena.* 1035. Direction.	St. Helena.* 1035. Mean Velocity for the Day.	Fanning Island. 805. Direction and Force. 9 a.m.	Fanning Island. 805. Direction and Force. 9 p.m.	Sierra Leone. 834. Direction and Force. 9 a.m.	Sierra Leone. 834. Direction and Force. 5 p.m.	Malden Island. 905. Direction and Force. 9 a.m.	Malden Island. 905. Direction and Force. 8 p.m.	Tulagi. 969. Direction and Force. 9 a.m.	Ocean Island. 970. Direction and Force. 9 a.m.	Ocean Island. 970. Direction and Force. 9 p.m.	Suva, Fiji. 1072. Direction. 9 a.m.	Suva, Fiji. 1072. Mean Velocity, 24 hrs. ending 9 a.m.
	9 a.m.	m/s.	9 a.m.	9 p.m.	9 a.m.	5 p.m.	9 a.m.	8 p.m.	9 a.m.	9 a.m.	9 p.m.	9 a.m.	m/s.
1	SE by E	5·0	SE 4	SE 2	NE 2	W 4	SE 5	E 2	SE 2	E 1	E 3	..	1·8
2	SE by E	2·4	E 4	SE 4	NW 2	W 3	SE 5	E 4	SE 5	E 3	SE 4	..	2·3
3	SE by E	2·4	E 4	SE 4	N 2	Calm 0	SE 5	SE 2	SE 4	E 2	E 4	..	4·4
4	SE by S	5·6	SE 4	Calm 0	N 1	W 4	SE 4	SE 2	SE 5	E 2	E 4	..	3·5
5	SE by E	7·8	SE 2	NE 2	E 3	W 3	SE 2	SE 1	SE 7	E 2	E 3	..	4·1
6	SE	7·3	NW 2	W 2	NE 2	W 2	E 2	NE 1	SE 8	SE 5	E 3	..	3·1
7	SE	7·6	S 2	W 2	N 2	W 4	E 3	E 1	ESE 6	E 3	E 2	..	1·5
8	SE by S	4·6	SE 2	SW 2	W 3	W 4	SE 4	SE 1	SE 4	E 4	E 4	..	1·7
9	SE	4·0	SE 4	SE 4	N 2	W 3	SE 5	E 2	SE 3	SE 1	E 4	..	1·3
10	SE by S	4·4	SE 4	SE 4	N 1	W 3	SE 5	E 2	SE 6	E 3	E 3	..	2·3
11	SSE	5·4	SE 4	SE 4	N 3	Calm 0	SE 5	E 1	SE 1	E 2	E 2	..	2·3
12	SE by S	5·1	E 4	SE 4	E 2	W 3	SE 4	E 2	SE 1	SE 3	SE 2	..	1·8
13	SE	4·6	E 4	E 4	E 3	W 3	E 4	E 2	SE 4	E 3	E 3	..	2·4
14	SE	4·6	SE 4	E 4	NW 2	Calm 0	E 4	E 1	SE 5	SE 2	SE 2	..	1·0
15	SSE	3·7	E 4	SE 4	N 1	W 3	E 4	E 2	SE 6	SE 2	E 3	..	2·0
16	SSE	3·8	E 4	E 4	N 1	W 3	NE 4	E 2	SE 6	SE 3	E 2	..	1·3
17	SE by S	8·1	E 4	E 2	NW 2	W 2	NE 2	E 1	SE 2	SE 2	E 3	..	1·3
18	SSE	7·4	E 2	E 2	E 2	W 3	NE 2	SE 1	SE 4	E 4	E 3	..	4·5
19	SE by S	7·6	SE 4	SE 4	W 4	W 3	E 4	E 2	SE 5	E 5	E 3	..	4·2
20	SE by S	5·7	SE 4	SE 4	W 3	W 5	SE 5	SE 3	SE 5	E 3	E 3	..	2·7
21	SE	3·0	SE 5	SE 4	NW 2	W 5	SE 4	E 4	SE 3	E 4	E 2	..	1·2
22	SE by S	5·6	SE 4	SE 5	NW 3	W 4	SE 5	E 2	SE 3	E 4	E 3	..	1·8
23	SE by S	12·5	E 4	SE 4	W 4	W 4	SE 5	SE 4	SE 5	E 2	E 3	..	1·8
24	SE by S	11·4	E 4	SE 4	NW 2	W 3	SE 5	E 4	SE 4	E 3	E 2	..	2·5
25	SE	8·3	E 6	E 5	W 3	W 4	SE 5	E 3	SE 6	E 2	E 3	..	0·8
26	SE	7·8	E 5	E 5	Calm 0	W 3	SE 5	E 4	SE 6	E 3	E 2	..	1·6
27	SE by S	9·4	E 5	E 4	N 1	NW 3	SE 5	E 3	SE 6	E 3	E 2	..	3·4
28	SE	9·6	SE 4	E 4	E 2	W 2	E 4	E 4	SE 7	S 1	E 2	..	1·9
29	SE	10·9	SE 4	SE 4	N 2	W 3	E 4	E 2	SE 5	SE 2	E 3	..	3·3
30	SE	10·4	SE 4	SE 2	NW 2	W 3	E 4	E 1	SE 7	E 3	E 2	..	3·3
31	SE	10·7	SE 4	SE 4	NE 3	W 3	E 4	E 2	SE 8	E 2	E 3	..	3·1
Mean for Month	..	6·7	3·8	3·5	2·2	3·0	4·1	2·2	4·8	2·7	2·8	..	2·5
Deviation from Normal	..	−0·1	..	..	..	..	−0·1	..	..	+0·5	..	..	..

* Direction and velocity of the South-East Trade Wind at 620 metres.

STATE OF ICE IN THE ARCTIC SEAS AND IN THE NORTH ATLANTIC.—JULY 1910.

**Barents Sea.*—"The edge of the polar ice lay in 76–77° N. Area covered 578,000 sq. km. (normal 516,000). Spitzbergen was ice-free north of Icefjord until the middle of the month, when heavy ice coming from E. surrounded the islands."

**Greenland Sea, Iceland, and Denmark Strait.*—"Ice filled Frantz Joseph Fjord and Clavering Sound to about 100 miles off-shore. The ice-edge passed not far N.W. of North Cape and 40 miles N.W. of Isafjord, but the coasts of Iceland were ice-free. Throughout the month the Storis lay closely packed and close inshore at Angmagsalik, but at the close open water was visible in the offing. Area covered 658,000 sq. km. (normal 766,000)."

North Atlantic and Labrador.—"The number of icebergs on the Newfoundland Banks continued to decrease. There were still many icebergs at the mouth of Belle Isle Strait."

**Davis Strait and Baffin Bay.*—"The limit of ice lay only 30 miles from C. Farewell, and early in the month conditions were good in Davis Strait, but on 7th much ice appeared as far as Frederikshaab, whence the coast was ice-free to Upernivik. In Baffin Bay there was much pack ice except off Lancaster Sound."

* *Isforholdene i de arktiske Have, 1910*, issued by the Danish Meteorological Institute.

RÉSEAU MONDIAL, AUGUST 1910

TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE FOR THE MONTH OF AUGUST 1910 BY MEANS OF STATIONS SELECTED AT THE RATE OF TWO FOR EACH TEN-DEGREE SQUARE.

Between Latitude 80° N. and 70° N. AUGUST—ZONE 1.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure: Mean at Level of Station.	Pressure: Mean at M.S.L.	Pressure: Diff. from Normal.	Temperature: Mean Max.	Temperature: Absolute Max.	Temperature: Date.	Temperature: Mean Min.	Temperature: Absolute Min.	Temperature: Date.	Temperature: *Mean.	Temperature: Diff. from Normal.	Temperature: †24 hr. Mean.	Precipitation: Total.	Precipitation: Diff. from Normal.
		° N. ′	° W. ′	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.
123	North Star Bay	76 30	68 55	6·5	..	..	..	..	..	..	..	..	..	..	..	..	..	..
124 125 126	Upernivik	72 47	W56 7	18·9	1014·4	1016·7	+5·3	285·1	290·6	12th	277·1	272·2	3rd, 31st	281·1	+2·8	*281·4*	4	− 26
139 140	Spitsbergen	78 2	E 14 14	11·4	..	..	..	..	..	..	..	..	..	..	..	..	..	..
141	Gjesvaer	71 6	25 22	6·5	1014·4	1015·2	+4·0	..	296·1	5th	..	272·4	19th	..	−2·5	*280·9*	81	+ 37
142	Mehavn	71 1	27 47	6·4	1014·7	1015·5	..	..	294·0	5th	..	275·1	19th	..	..	*280·4*	70	+ 28
143 144 147 148	Vardö	70 22	31 8	10·0	1013·6	1014·8	+2·9	..	290·5	6th	..	273·9	19th	..	−2·5	*279·7*	47	− 4
		N.	E.															

Between Latitude 70° N. and 60° N. AUGUST—ZONE 2.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure: Mean at Level of Station.	Pressure: Mean at M.S.L.	Pressure: Diff. from Normal.	Temperature: Mean Max.	Temperature: Absolute Max.	Temperature: Date.	Temperature: Mean Min.	Temperature: Absolute Min.	Temperature: Date.	Temperature: *Mean.	Temperature: Diff. from Normal.	Temperature: †24 hr. Mean.	Precipitation: Total.	Precipitation: Diff. from Normal.
		° N. ′	° W. ′	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.
203 204	Nome	64 30	165 24	6·7	..	1014·5	..	284·6	289·7	28th	279·4	271·9	4th	282·0	..	..	66	..
205 206	Tanana	65 12	152 0	? 73·8	..	?1015·9	..	290·5	296·9	13th	278·2	269·7	21st	284·4	..	..	57	..
207 208	Valdez	61 6	146 13	8·2	..	1018·6	..	291·1	298·6	26th	279·4	275·2	30th	285·2	..	..	75	..
209	Eagle	64 46	141 12	248	..	1014·5	..	291·9	298·6	6th	274·7	266·3	29th	283·3	..	..	67	+ 14
210	Dawson	64 4	139 20	321	980·0	1018·4	+6·9	290·6	296·3	6, 7, 13	276·6	269·1	22, 29, 30	283·6	−2·1	..	42	..
211	Carcross	60 11	134 34	662	..	..	..	289·7	296·9	16th	277·4	271·9	23rd, 31st	283·6	..	..	23	..
212 213	Fort Simpson	61 52	121 35	129	1000·5	1016·1	..	291·4	301·9	5th	279·6	271·3	23rd	285·5	−0·7	*286·1*	13	− 23
	Hay River	60 51	115 20	161	995·9	1015·3	..	289·2	299·7	8th, 9th	279·8	272·4	27th	284·5	−2·9	..	46	..
225 226	Jacobshavn	69 13	51 2	12·6	1013·5	1015·0	+4·5	284·9	289·5	11th	278·2	275·1	27th, 30th	281·6	+1·7	*281·3*	17	− 17
229	Godthaab	64 11	51 44	9	1012·0	1013·1	+3·1	..	..	..	277·9	275·4	6th, 27th	..	+1·3	*280·8*	12	− 63
230	Angmagsalik	65 37	37 34	31·7	1014·3	1018·2	+9·3	285·4	291·9	16th	275·4	271·9	20th, 22nd	280·4	+0·5	..	47	− 16
231 232	Stykkisholm	66 5	22 46	11·3	1013·6	1015·1	+5·7	286·1	288·7	10th	280·4	277·7	21st	283·3	+1·0	*283·3*	12	− 27
233	Vestmanno	63 26	20 15	7·7	1013·0	1013·9	+5·6	287·1	288·7	29th	281·7	278·9	28th	284·4	+0·8	*284·0*	10	− 68
234	Grimsey (Akureyri)	66 33	17 58	6·8	1015·4	1016·2	+6·2	284·3	288·6	24th	277·2	273·1	11th, 20th	280·8	+0·4	*280·6*	27	− 5
235	Berufjord	64 40	14 19	18·0	1013·4	1015·6	+6·0	284·8	287·2	14th	279·0	276·8	21st	281·9	+0·5	*281·6*	49	− 23
236	Thorshavn	62 3	W 6 45	25·7	1009·8	1012·9	+3·2	285·4	289·4	8th	281·9	279·4	22nd	283·7	0·0	..	59	− 42
237 238	Bergen (Met. Obs.)	60 24	E 5 19	44·4	1004·7	1010·0	−0·6	..	301·0	5th	285·7	280·6	23rd	..	+1·8	*288·6*	89	−101
239	Christiansund	63 7	7 45	17·8	1009·9	1012·0	+1·5	..	298·1	5th	283·6	277·5	25th	..	+0·4	*286·6*	10	− 93
240	Trondhjem	63 26	10 25	39·5	1008·6	1013·3	+2·8	..	300·5	2nd	283·0	275·4	24th	..	+1·0	*287·5*	11	− 65
241	Bodö	67 17	14 24	20·5	1012·7	1015·2	+4·8	..	298·8	3rd	282·6	273·6	26th	..	+0·4	*285·8*	25	− 54
242	Haparanda	65 50	24 9	9·2	1013·9	1015·0	+4·7	289·7	299·5	7th	278·9	274·0	23rd, 24th	284·3	−0·9	*284·7*	4	− 50
	Helsingfors	60 10	24 57	11·7	..	1011·9	+1·0	290·7	299·9	2nd	283·3	278·3	13th	287·0	−1·3	287·1	44	− 28
242a	Kuopio	62 54	27 40	99·7	..	1015·2	+5·4	290·3	298·0	2nd	281·0	276·0	25th	285·7	−1·6	*285·7*	36	..
243	Kola	68 53	33 1	6·7	..	1015·5	+5·6	..	296·1	6th	..	275·8	20th, 29th	..	−2·8	*281·4*	46	+ 13
244	Petrozavodsk	61 47	34 23	38·9	..	1012·7	+1·9	..	297	..	..	275	..	..	−2·3	*285·1*	..	..
245	Arkhängelsk	64 33	40 32	6·7	..	1014·0	+3·7	..	295	..	..	277	..	..	−3·4	*283·3*	55	+ 2
246	Velsk	61 5	42 7	? 83	..	..	..	..	..	..	..	..	..	..	..	..	..	..
247	Oust-Tsylma	65 27	52 10	? 25	..	1012·0	+3·0	..	293	..	..	272	..	..	−2·7	*282·3*	..	..
248	Troitsko-Petcherskoe	62 42	56 13	? 123	..	..	..	..	..	..	..	..	..	..	..	..	..	..
249	Berezov	63 56	65 4	39·9	..	..	..	..	..	..	..	..	..	..	..	..	..	..
250	Obdorsk	66 31	66 35	23·7	..	..	..	..	..	..	..	..	..	..	..	..	..	..
251	Sourgout	61 15	73 24	? 40	..	..	..	..	..	..	..	..	..	..	..	..	..	..
252 253	Touroukhansk	65 55	87 38	? 40	..	..	..	..	..	..	..	..	..	..	..	..	..	..
254	Doudinka	69 7	87 0	? 20	..	..	..	..	..	..	..	..	..	..	..	..	..	..
261	Olekminsk	60 22	120 26	? 135	..	..	..	..	..	..	..	..	..	..	..	..	..	..
262	Iakoutsk	62 1	129 43	? 108	..	..	..	..	..	..	..	..	..	..	..	..	..	..
263	Verkhoïansk	67 33	133 24	? 100	..	..	..	..	..	..	..	..	..	..	..	..	..	..
264	Oust-Maïskoe	60 25	134 29	? 100	..	..	..	..	..	..	..	..	..	..	..	..	..	..
271	Markovo sur Anadyr	64 45	177 50	? 20	..	..	..	..	..	..	..	..	..	..	..	..	..	..
272	Novo-Mariinskii Post	64 45	177 33	5·2	..	..	..	..	..	..	..	..	..	..	..	..	..	..
		N. ° ′	E. ° ′	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.

* Mean of max. and min. or of observations at fixed hours. † Computed means for the 24 hours are in *italics*.

AUGUST—ZONE 3.

Table representing the Meteorology of the Globe between Latitude 60° N. and 50° N.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure: Mean at Level of Station.	Pressure: Mean at M.S.L.	Pressure: Diff. from Normal.	Temperature: Mean Max.	Temperature: Absolute Max.	Temperature: Date.	Temperature: Mean Min.	Temperature: Absolute Min.	Temperature: Date.	Temperature: *Mean.	Temperature: Diff. from Normal.	Temperature: †24 hr. Mean.	Precipitation: Total.	Precipitation: Diff. from Normal.
		° ′ N.	° ′ W.	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.
301																		
302																		
303	Dutch Harbour	53 54	166 32	4·0	..	..	..	..	..	..	..	..	..	..	..	..	..	..
304																		
305																		
306																		
307																		
308																		
309	Sitka	57 4	135 20	27	..	1021·0	+7·9	290·3	296·9	30th	281·8	277·4	23rd	286·1	+0·5	..	85	− 65
310	Prince Rupert	54 18	130 18	52	..	1020·3	..	289·2	295·2	7th	282·4	278·9	23rd	285·8	..	..	123	..
311	Barkerville	53 2	121 35	1274	..	1017·9	..	288·1	296·3	5th	277·2	268·6	25th	282·7	−2·0	*282·6*	85	+ 7
312	Kamloops	50 41	120 29	380	..	1014·5	+0·3	297·8	306·3	19th	284·2	274·6	24th	291·0	−2·1	*290·8*	41	+ 15
313	Calgary	51 2	114 2	1033	..	1014·9	+3·1	292·8	301·9	19th	278·8	271·9	24th	285·8	−2·3	*286·1*	101	+ 37
314	Fort Chipewyan	58 42	111 10	218	988·7	1014·6	..	290·9	298·6	8th	280·3	271·3	30th	285·6	..	*286·2*	15	..
315	Prince Albert	51 10	106 0	437	..	1014·5	+3·3	293·1	301·6	19th	280·6	273·3	27th	286·9	−1·3	*287·3*	18	− 46
316	Qu'Appelle	50 30	103 47	645	..	1013·5	+0·8	293·5	303·0	20th	280·8	274·7	31st	287·2	−2·5	*287·3*	72	+ 25
317	Minnedosa	50 15	99 50	515	..	1013·9	..	295·6	303·0	20th	280·1	271·9	31st	287·8	−1·4	*287·4*	44	− 25
318	Berens River	52 18	97 23	216	..	..	..	295·2	301·9	18th	278·2	271·9	18th	286·7	..	*286·1*	55	..
318*a*	York Factory	57 0	92 28	11	1011·2	1012·5	+1·3	..	296·3	15th	279·9	276·9	27th	..	..	*284·9*	..	..
319	Fort Hope	51 32	87 48	? 270	981·1	1013·1	..	292·2	301·9	21st	280·9	273·6	28th	286·6	−1·5	..	68	+ 22
320	Moose Factory	51 16	80 56	9	1010·5	1011·6	..	293·7	300·8	22nd	281·1	275·2	29th	287·4	−0·4	..	176	+ 99
321																		
322																		
323	Hebron	58 12	62 21	15·0	1008·2	1010·0	+1·5	285·8	295·2	..	280·0	277·3	..	282·9	+0·7	..	83	..
324	Nain	56 33	61 41	4·2	1011·2	1011·7	+2·6	..	..	..	278·9	272·8	..	..	..	..	36	..
325																		
326	Point Riche	50 42	57 25	10·7	..	..	..	..	291·3	23rd	..	281·9	30th	287·4	+0·2	..	33	− 60
327																		
328																		
329																		
330																		
331																		
332																		
333																		
334	Valencia	51 56	10 15	13·7	1008·9	1010·5	−3·7	290·1	292·4	14th	285·7	284·1	28th	287·9	−0·3	287·8	162	+ 32
335	Aberdeen	57 10	2 6	27·4	1006·0	1009·3	−2·3	288·9	292·4	18th	284·0	280·2	23rd	286·5	−0·1	286·4	89	+ 11
336	Greenwich	51 28	W 0 0	48	1007·4	1013·1	−1·9	294·6	298·0	12th	284·5	282·4	29th	289·6	−0·6	289·0	62	+ 2
337	Uccle	50 48	E 4 22	100	1002·7	1014·7	−0·9	294·5	297·8	10th	284·9	282·0	29th	289·7	−0·5	289·1	56	− 24
338	De Bilt	52. 6	5 11	3·0	1013·6	1014·0	−1·3	293·9	297·8	3rd	285·3	280·3	14th	289·6	0·0	289·1	69	− 11
338*a*	Hamburg	53 33	9 59	26·0	1010·3	1013·4	−0·2	293·8	295·6	15th	287·0	283·3	24th	290·4	+0·1	289·9	145	+ 69
339	Copenhagen	55 41	12 36	5·0	1011·0	1011·6	−1·5	292·4	296·5	3rd	287·0	283·6	24th	289·7	+0·7	*289·6*	63	− 2
340	Potsdam	52 23	13 4	84·9	1003·5	1013·7	−0·9	294·9	299·7	21st	285·3	281·6	29th	290·1	0·0	289·3	88	+ 30
340*a*	Upsala	59 51	17 38	24·0	1009·7	1012·5	+2·2	291·9	299·7	1st	281·1	275·4	29th	286·5	−0·9	286·7	46	− 29
341	Warsaw	52 15	21 1	127	997·6	1012·7	−1·8	294·8	302·2	3rd	286·7	282·8	26th	290·8	−1·5	*290·8*	136	+ 60
342	Jurjev	58 23	26 43	74·5	1001·9	1010·9	−0·4	290·7	300·4	2nd	283·1	277·0	13th	286·9	−3·1	286·4	121	+ 51
343	Petrograd	59 56	30 16	4·8	..	1011·1	+0·1	..	298	..	..	279	..	..	−2·5	*286·4*	68	− 2
344	Kiev	50 27	30 30	183·1	990·1	1011·7	−2·4	295·8	304·5	23rd	286·2	281·4	12th	291·0	−0·9	290·4	80	+ 19
344*a*	Moscow	55 45	37 34	156	991·6	1010·1	−2·1	292·6	305·4	2nd	283·7	277·4	17th	288·2	−3·6	287·8	66	− 7
345	Saratov	51 32	46 3	59·9	..	1010·4	−1·4	..	311	..	..	283	..	..	+1·7	*295·2*	45	+ 11
346	Kazan	55 47	49 8	79·8	1001·4	1010·9	−0·6	..	308·8	1st	..	278·0	18th	..	−0·4	*289·8*	66	+ 7
347	Orenburg	51 45	55 6	114·1	..	1012·0	−1·2	..	309	..	..	282	..	..	+0·6	*293·3*	58	+ 25
348	Perm	58 1	56 15	163·0	..	1010·4	+0·8	..	303	..	..	279	..	..	−0·8	*287·6*	183	+113
349	Ekaterinburg	56 50	60 38	288·9	..	1010·3	−0·6	..	305	..	..	276	..	..	0·0	*287·7*	126	+ 64
350	Tobolsk	58 12	68 14	108·3	..	..	..	..	..	..	..	..	..	..	..	..	..	..
351	Akmolinsk	51 12	71 23	? 347	..	..	..	..	..	..	..	..	..	..	..	..	..	..
352	Omsk	54 58	73 23	90	..	1010·8	+0·6	..	304·4	1st	..	278·2	30th	..	+0·4	*290·7*	29	− 20
353	Barnaoul	53 20	83 47	162·2	..	1011·9	+1·3	..	304·8	8th	..	282·2	22nd	..	+1·3	*291·0*	19	− 24
354	Tomsk	56 30	84 58	121·6	..	1012·0	+2·2	..	300·1	5th	..	277·1	31st	..	−0·2	*288·5*	35	− 29
355	Minousinsk	53 43	91 41	? 245	..	..	..	..	..	..	..	..	..	..	..	..	..	..
356	Eniseisk	58 27	92 11	84·4	..	..	..	..	..	..	..	..	..	..	..	..	..	..
357	Irkutsk	52 16	104 19	467·0	..	1011·1	+0·5	..	301·8	18th	..	281·8	28th	..	−0·3	*288·8*	12	− 52
358	Kirensk	57 47	108 7	? 263	..	..	..	..	..	..	..	..	..	..	..	..	..	..
359	Tchita	52 2	113 30	663·7	..	1013·9	..	..	302·4	8th	..	280·4	30th	290·4	..	..	115	+ 3
360	Blagoveshchensk Priisk	58 10	114 17	? 490	..	..	..	..	..	..	..	..	..	..	..	..	..	..
360*a*	Nertchinsk	51 59	116 35	484·3	..	1010·3	+1·6	..	300·9	10th	..	280·7	27th	..	+2·7	*290·3*	..	..
361	Tygan Ourkan	54 5	124 46	? 370	..	..	..	..	302·8	18th	280·3	274·0	29th	..	..	*289·5*	65	..
362	Blagoveshchensk	50 15	127 38	133·6	..	..	..	..	..	..	..	..	..	..	..	..	..	..
363	Paikanskii Sklad	50 11	130 7	? 168	..	..	..	..	303·0	17th	285·6	281·4	14th	..	..	*291·2*	..	..
364																		
365	Nikolaevsk-sur-Amour	53 8	140 45	21·2	..	..	..	..	301·5	23rd	..	282·9	12th	..	+2·4	*291·4*	0	− 79
366	Okhotsk	59 21	143 17	6·0	..	..	..	..	..	..	..	..	..	..	..	..	..	..
367																		
368	Petropavlovsk Phare	52 53 N.	158 47 E.	87·1	..	..	..	..	..	..	..	..	..	..	..	..	..	..
369																		
370																		
371																		
372		° ′	° ′	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.

* Mean of max. and min. or of observations at fixed hours.

† Computed means for the 24 hours are in *italics*.

Table representing the Meteorology of the Globe between Latitude 50° N. and 40° N.

AUGUST—ZONE 4.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure: Mean at Level of Station.	Pressure: Mean at M.S.L.	Pressure: Diff. from Normal.	Temperature: Mean Max.	Temperature: Absolute Max.	Temperature: Date.	Temperature: Mean Min.	Temperature: Absolute Min.	Temperature: Date.	Temperature: *Mean.	Temperature: Diff. from Normal.	Temperature: †24 hr. Mean.	Precipitation: Total.	Precipitation: Diff. from Normal.
		° ′ N.	° ′ W.	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.
411	Victoria, B.C.	48 24	123 19	25·9	1016·2	1019·3	+2·8	293·3	299·8	18th	282·9	279·2	24th	288·1	−0·6	287·6	9	− 7
412	Portland, Oregon	45 32	122 41	46·6	1013·7	1019·3	+3·0	296·5	305·8	18th	284·9	281·9	16th	290·7	−1·1	*290·4*	3	− 11
413	Macleod	49 44	113 24	954	..	..	..	295·9	305·2	20th	280·7	274·1	31st	288·3	−1·9	*288·6*	26	− 22
414	Helena	46 34	112 4	1253	875·2	1015·2	+1·4	297·7	306·3	19th	282·0	271·3	25th	289·9	−2·1	*290·2*	27	+ 9
414*a*	Salt Lake City	40 46	111 54	1329	867·9	1012·5	−0·3	303·4	307·4	20th	289·9	282·4	30th	296·7	−0·5	*297·1*	8	− 11
415	Cheyenne	41 8	104 48	1856	816·5	1014·5	+1·4	299·4	304·7	19th	283·1	269·1	25th	291·3	−0·6	*291·5*	16	− 22
416	North Platte	41 8	100 45	859	918·2	1015·9	+2·0	301·4	310·2	21st	286·6	275·2	25th	294·0	−1·3	*294·0*	51	− 11
416*a*	Bismarck	46 47	100 38	510·6	956·0	1015·6	+1·7	298·7	309·7	11th	283·8	276·3	26th	291·2	−1·8	*291·1*	32	− 18
417	Winnipeg	49 53	97 7	231·6	..	1014·2	+0·4	297·2	306·9	11th	282·4	272·1	28th	289·8	−0·4	288·8	54	− 5
418	Duluth	46 47	92 6	345·1	974·2	1015·2	+0·3	294·8	302·4	20th	285·3	279·7	31st	290·2	−0·9	*290·1*	61	− 29
419	Port Arthur	48 27	89 12	196·3	..	1014·5	−1·0	294·3	301·3	20th	283·1	276·9	28th	288·7	+0·2	*288·6*	37	− 40
420	Chicago	41 53	87 37	250·9	986·4	1015·9	0·0	299·7	304·7	22nd	292·2	284·7	26th	295·9	+1·2	*295·9*	78	+ 5
421	Toronto	43 40	79 24	106·7	1003·6	1016·2	+0·9	298·3	302·5	14th	287·3	281·7	27th	292·8	+0·3	292·4	77	+ 10
422	New York	40 43	74 0	95·7	1007·0	1017·9	+2·0	299·0	302·4	25th	291·6	286·9	7th	295·3	0·0	295·3	54	− 61
423	St. John, N.B.	45 17	66 4	21·3	1015·2	1017·8	+2·9	293·0	298·6	15th	286·0	281·7	30th	289·5	+0·3	*289·1*	66	− 32
424	S. W. Point, Anticosti	49 24	63 35	9·1	1013·9	1015·0	+2·3	294·6	297·2	..	284·5	276·9	..	289·6	+3·2	..	99	+ 12
425	Sable Island (Main Station)	43 57	60 6	7·6	1018·3	1019·2	..	292·8	296·3	..	288·0	285·2	..	290·4	0·0	..	73	− 21
426	St. Johns, Newfoundland	47 34	52 42	38·1	..	1016·2	+0·5	293·3	298·0	2nd	285·1	277·4	10th	289·2	+1·0	..	76	+ 9
435	Madrid	40 24	3 41	655·4	943·1	1016·6	+1·8	306·0	312·0	20th	287·6	282·8	11th	296·8	−1·1	296·3	0	− 10
436	Nantes	47 15	W 1 34	41·4	1012·4	1017·3	−0·3	295·3	303·0	14th	285·5	281·8	3rd, 23rd	290·4	−1·7	*290·0*	100	+ 51
437	Paris (Parc St. Maur)	48 49	E 2 29	50·3	1010·0	1016·0	−0·4	295·7	299·7	14th	285·1	281·8	7th	290·4	−0·6	290·1	36	− 18
438	Marseilles	43 18	5 23	75	1006·6	1015·4	+0·3	300·3	304·5	21st	288·4	285·0	13th	294·4	−0·6	*294·1*	4	− 19
438*a*	Zürich	47 23	8 33	493·2	960·1	1017·3	−0·2	296·5	305·0	21st	285·2	280·6	8th	290·8	−0·5	289·9	173	+ 40
439	Rome	41 54	12 29	63·4	..	1015·1	+0·1	302·4	305	2, 3, 30	290·4	288	1st, 8th	296·4	−0·7	*296·4*	6	− 21
440	Vienna	48 15	16 22	202·5	990·9	1014·7	−0·7	294·9	301·0	22nd	287·2	282·6	29th	291·1	−1·3	290·8	105	+ 37
440*a*	Buda-Pesth	47 30	19 2	112·5	998·8	1014·1	−0·7	298·9	307·9	22nd	287·4	281·3	16th	293·2	+0·1	*293·2*	60	+ 8
441	Bucharest	44 25	26 6	82	1003·5	1013·1	−1·2	303·7	310·0	5th	288·7	283·3	16th	296·2	+0·6	*295·9*	26	− 22
443	Odessa (University)	46 29	30 46	65·3	1006·0	1013·7	−0·9	297·9	303·5	5th	290·0	283·9	16th	294·0	−1·2	*293·6*	45	+ 15
444	Kharkov (University)	50 0	36 14	140	..	1011·4	−1·8	..	304	..	..	280	..	291·9	−0·9	*291·5*	86	+ 36
444*a*	Novorossiisk	44 40	37 49	37	..	1011·9	−1·3	..	301	..	..	286	..	295·4	−1·9	*295·0*	68	+ 28
445	Tiflis	41 43	44 48	409	..	1011·9	−0·1	..	307	..	..	288	..	297·3	−0·2	*297·1*	25	− 14
446	Astrakhan	46 21	48 2	−14	..	1012·3	−1·0	..	308	..	..	284	..	296·8	−0·2	*296·4*	14	+ 2
447	Fort Alexandrovsk	44 31	50 16	24	..	..	..	..	..	..	..	..	..	..	..	..	..	..
448	Krasnovodsk	40 0	52 59	−15	..	1009·6	−2·1	..	312	..	..	291	..	302·2	+0·6	*301·9*	..	..
449	Tachkent	41 20	69 18	478·3	..	1008·4	+0·9	..	308·6	11th, 17th	..	288·4	19th	..	−0·7	*297·5*	3	+ 1
450	Irgiz	48 37	61 16	112	..	..	..	..	..	..	..	..	..	..	..	..	..	..
451	Narynskoe	41 26	76 2	?2015	..	..	..	..	..	..	..	..	..	..	..	..	..	..
452	Vernyi	43 16	76 53	824·8	..	..	..	..	..	..	..	..	..	..	..	..	..	..
461	Mukden	41 48	123 23	43·8	1000·9	1006·0	−0·7	301·2	306·1	6th	291·6	287·8	25th, 28th	296·4	−0·3	295·9	122	− 17
462	Joshin	40 40	129 11	4·0	1008·0	1008·5	+0·1	296·0	302·9	23rd	290·2	285·2	18th	293·1	−1·6	292·6	167	+ 42
463	Vladivostok	43 7	131 54	15·7	..	1009·6	−1·1	..	297·7	16th	..	288·2	18th	..	−2·3	*291·6*	27	− 69
464																		
465	Ochiai	47 20	142 44	15·0	1013·3	1015·1	..	294·8	302·9	9th	284·5	274·6	16th	289·7	..	288·9	106	..
466	Nemuro	43 20 N.	145 35 E.	26·7	1010·5	1013·7	+2·2	292·7	297·2	27th	286·9	281·5	18th	289·8	−0·8	289·3	84	− 11

Between Latitude 40° N. and 30° N.

AUGUST—ZONE 5 (Western Half).

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure: Mean at Level of Station.	Pressure: Mean at M.S.L.	Pressure: Diff. from Normal.	Temperature: Mean Max.	Temperature: Absolute Max.	Temperature: Date.	Temperature: Mean Min.	Temperature: Absolute Min.	Temperature: Date.	Temperature: *Mean.	Temperature: Diff. from Normal.	Temperature: †24 hr. Mean.	Precipitation: Total.	Precipitation: Diff. from Normal.
		° ′ N.	° ′ W.	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm
511	San Francisco	37 48	122 26	47·2	1008·7	1014·5	+1·4	289·7	299·1	29th	283·5	281·9	31st	286·6	−0·8	*285·9*	0	0
512	San Luis Obispo	35 18	120 39	61·3	1007·4	1014·9	+1·0	296·7	304·1	23rd	282·9	279·1	29th	289·8	−0·7	*289·3*	0	0
513	Modena	37 48	113 54	1670	835·5	1012·5	+1·4	303·3	306·3	7th	285·7	280·8	30th	294·5	+1·2	*294·7*	34	− 12
514	San Diego	32 43	117 10	26·5	1010·0	1013·2	+1·0	295·7	300·8	24th	290·0	287·4	13th	292·9	−0·5	*292·7*	1	− 2
515	Santa Fé	35 41	105 57	2138	791·7	1012·5	+0·3	299·4	302·4	21st	286·4	281·9	26th	292·9	+0·4	*292·6*	49	− 11
516	Denver	39 45	105 0	1613	840·2	1014·5	+1·4	302·3	307·4	21st	286·6	277·4	25th	294·5	+0·1	*294·5*	45	+ 11
517	Abilene	32 23	99 40	529·6	953·4	1012·5	−0·7	309·2	313·6	2nd	296·7	290·8	27th	302·9	+2·6	*302·7*	73	+ 23
518	Saint Louis	38 38	90 12	172·8	995·2	1015·6	0·0	301·4	306·9	22nd	292·6	285·2	26th	297·0	−1·1	*296·9*	48	− 19
519	Mobile	30 41	88 2	17·4	1012·9	1014·7	−0·3	305·7	308·6	3rd	296·6	295·2	7th	301·2	+1·6	*300·5*	130	− 43
520	Nashville	36 10	86 47	166·4	997·3	1016·6	+0·7	303·4	307·4	18th	292·4	288·0	27th	297·9	−0·6	*297·6*	44	− 44
521	Charleston	32 47	79 56	14·6	1014·6	1016·2	0·0	302·3	308·0	8th	296·7	294·1	12th	299·5	−0·3	*298·9*	254	+ 77
522	Washington	38 54	77 3	34·1	1013·6	1017·6	+1·4	301·1	305·2	3rd	291·4	287·4	27th	296·3	−0·4	*296·1*	32	− 80
523																		
524	Bermuda	32 17	64 30	46·0	..	1022·7	+3·1	303·0	304·6	14th	296·9	295·8	5th, 8th	299·9	+0·5	..	16	−136
531	Horta	38 32	28 38	30	..	1023·0	+0·6	298·2	301	1st, 2nd	293·3	291	sev. dates	295·8	+0·5	..	37	− 4
532	Ponta Delgada	37 45	25 41	17	1021·4	1023·3	+0·3	297·9	299·8	10th	293·0	291·0	28th	295·4	+0·3	..	22	+ 12
533	Madeira (Funchal)	32 38	16 55	25	1017·1	1020·0	+1·0	297·6	299·0	20, 22, 31	289·1	287·6	28th	293·3	−0·6	*294·5*	0	− 2
534	Lisbon	38 43	9 9	95	1007·1	1018·3	+1·1	299·8	308·1	12th	290·4	288·4	30th	295·1	−0·2	*294·5*	1	− 4
535	Casablanca	33 37	7 35	? 17	1014·5	1016·4	..	297·6	299·2	..	292·9	290·7	..	295·3	−0·2	*295·5*	0	0
536	Gibraltar	36 6 N.	5 21 W.	16·2	1013·4	1015·2	−0·2	300·9	304·7	28th	..	..	..	..	−0·9	*295·9*	0	− 4
		° ′	° ′	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm

* Mean of max. and min. or of observations at fixed hours.

† Computed means for the 24 hours are in *italics*.

AUGUST—ZONE 5 (Eastern Half).

Table representing the Meteorology of the Globe between Latitude 40° N. and 30° N.

No.	Name of Station	Latitude.	Longitude.	Height.	Pressure. Mean at Level of Station.	Pressure. Mean at M.S.L.	Pressure. Diff. from Normal.	Temperature. Mean Max.	Temperature. Absolute Max.	Temperature. Date.	Temperature. Mean Min.	Temperature. Absolute Min.	Temperature. Date.	Temperature. *Mean.	Temperature. Diff. from Normal.	Temperature. †24 hr. Mean.	Precipitation. Total.	Precipitation. Diff. from Normal.
		° N.	° E.	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.
537	Algiers	36 47	3 4	38·5	1011·6	1016·1	+0·2	301·7	309·6	29th	294·1	292·1	10th	297·9	−0·9	*297·2*	0	— 4
538	Palma	39 33	2 42	23	1014·9	1017·5	+0·3	301·6	306·2	21st	293·2	291·2	11th, 14th	297·4	−0·3	..	13	— 2
538a	Tunis	36 48	10 10	43	..	1019·0	+2·8	308·0	317	3rd	292·1	288	26th	300·0	+0·7	..	0	— 10
539	Malta	35 54	14 31	59	..	1017·1	+0·4	301·7	305	1, 17, 23	294·7	290	1st, 2nd	298·2	−0·8	..	0	— 4
540	Catania	37 30	15 3	64·9	1007·7	1015·3	−0·1	304·2	307·0	5th	293·0	290·7	7th, 8th	298·6	−0·2	..	0	— 10
541	Athens	37 58	23 43	107·1	..	1011·9	−0·5	305·2	309	7th, 11th	295·3	292	sev. dates	300·2	0·0	*299·8*	2	— 8
542	Alexandria	31 9	29 54	32·0	..	1009·4	−0·8	303·3	305	13th	294·6	293	19th, 31st	299·0	−0·9	*298·1*	0	0
543	Cairo (Helwan)	29 52	31 20	115·6	..	1008·7	−1·1	307·7	312	12th	294·3	293	15th	301·0	+0·2	300·9	0	0
544	Nicosia	35 12	33 24	152	..	1005·4	−1·8	310·7	315·2	12th, 13th	291·8	288·6	19th	301·2	−0·1	*301·0*	0	— 2
544a	Beirut	33 54	35 28	52·4	..	1006·0	−1·6	304·3	306	14th	296·9	295	20th	300·6	+0·3	..	0	0
545	Baghdad	33 21	44 28	38·7	996·0	1000·2	−2·2	317·1	319·6	2nd	298·8	296·6	21st	307·9	+0·7	..	0	— 1
546	Lenkoran	38 46	48 52	−19	..	1011·2	+0·5	..	304	..	..	289	..	..	−0·8	*297·9*	54	+ 2
547	Busrah	30 31	47 53	7·6	998·7	999·4	−1·5	313·6	315·6	23rd	302·2	299·5	31st	307·9	+1·2	..	0	0
548	Meshed	36 16	59 35	946	903·3	1007·4	..	305·3	309·9	17th	283·0	278·4	29th, 30th	294·2	−2·1	..	0	— 1
549	Quetta	30 11	67 3	1677	827·0	..	−0·5	307·0	309·7	13th, 14th	289·1	281·6	31st	298·1	+0·7	*297·8*	0	— 11
550																		
551	Lahore	31 34	74 20	214	996·2	999·8	−0·3	308·1	314·9	8th	299·5	297·0	5th, 26th	303·8	−0·3	*303·3*	117	— 18
551a	Simla	31 7	77 8	2205	778·0	..	+0·3	291·9	293·7	6th	288·2	286·3	8th	290·1	−0·3	*289·8*	569	+108
552	Leh	34 10	77 42	3503	665·0	..	+0·1	297·6	301·1	10th	283·5	279·7	31st	290·6	0·0	*289·2*	12	— 1
552a	Dehra Dun	30 20	78 0	681	927·2	1001·3	−0·2	301·3	304·4	5th	295·4	293·8	20th, 31st	298·4	−0·5	*297·7*	1195	+419
559	Hang Kow	30 35	114 17	37·0	999·8	1004·0	−1·6	306·5	309·8	25th	298·5	295·1	13th	302·5	−0·1	*301·9*	81	— 37
560	Tiensin	39 10	117 10	5·0	1005·8	1006·4	−0·7	302·8	305·6	14th	295·1	292·5	22nd	299·0	−0·5	..	140	0
561	Shanghai (Zi-Ka-Wei)	31 12	121 26	7	1003·3	1004·1	−1·3	306·1	310·0	24th	296·7	293·2	16th	301·4	+0·3	300·1	51	— 95
562	Jinsen (Chemulpo)	37 29	126 32	67·0	999·1	1006·9	−1·8	301·0	304·2	5th	293·5	289·7	19th	297·3	−1·2	297·0	270	+ 79
562a	Nagasaki	32 44	129 52	133·0	992·2	1007·4	−1·6	304·3	306·9	8th	295·6	294·1	15th	299·9	−0·6	299·2	130	— 72
563	Kioto	35 1	135 46	49·4	1001·7	1007·4	−2·6	304·3	308·6	26th	293·3	288·8	21st	298·8	−1·2	298·0	144	+ 3
564	Tokio	35 41	139 45	21·3	1005·5	1007·9	−2·8	300·8	305·8	1st	294·2	288·5	19th	297·5	−1·3	297·1	420	+305
565	Miyako	39 38	141 59	30·4	1007·3	1010·8	−0·3	297·2	305·0	28th	290·8	283·0	19th	294·0	−1·6	293·5	577	+420
566																		
		N.	E.															

AUGUST—ZONE 6.

Between Latitude 30° N. and 20° N.

No.	Name of Station	Latitude.	Longitude.	Height.	Pressure. Mean at Level of Station.	Pressure. Mean at M.S.L.	Pressure. Diff. from Normal.	Temperature. Mean Max.	Temperature. Absolute Max.	Temperature. Date.	Temperature. Mean Min.	Temperature. Absolute Min.	Temperature. Date.	Temperature. *Mean.	Temperature. Diff. from Normal.	Temperature. †24 hr. Mean.	Precipitation. Total.	Precipitation. Diff. from Normal.
		° N.	° W.	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.
605	Honolulu	21 19	157 52	11·6	1015·4	1016·7	0·0	300·6	302·4	..	295·2	291·9	..	297·9	−0·8	..	52	+ 11
606																		
615	Zacatecas	22 47	102 33	2610	749·3	..	..	291·8	295·2	3rd	283·9	281·6	9th	287·9	..	..	42	..
616	Leon	21 7	101 41	1798·6	823·3	..	−0·4	299·9	302·0	25th	287·3	285·4	5th	293·6	+0·2	..	123	— 17
617	Galveston	29 18	94 50	16·5	1012·8	1014·9	+0·3	303·9	305·2	24th	299·6	294·7	19th	301·8	+0·7	*301·7*	51	— 76
618	New Orleans	29 58	90 4	15·6	1012·9	1014·5	−0·7	305·5	307·4	9th	297·6	294·1	11th	301·6	+1·3	*300·9*	153	+ 10
619	Havana	23 8	82 22	24·3	..	1015·5	0·0	303·0	304·6	6th	296·7	295·0	3rd	299·9	−0·1	*299·6*	184	+ 30
620	Key West	24 33	81 48	6·7	1014·3	1014·9	−0·3	304·6	306·3	29th	298·2	295·2	4th	301·4	−0·4	*301·5*	82	— 38
621	Nassau, Bahamas	25 5	77 21	7·6	1013·6	1014·5	−1·2	303·7	305·5	26th	297·7	295·8	20, 21, 28	300·7	−0·3	..	74	—140
622																		
633	Puerto de Orotava	28 25	16 32	? 100	..	..	..	296·7	299·1	..	291·4	290·3	..	294·1	−1·4	..	0	— 2
634	Las Palmas, Canary Islands	28 7	W15 26	7	1015·8	1016·6	−1·9	299·2	302·8	18th	292·9	291·2	12th	296·1	−0·7	..	0	— 1
637	Insalah	27 17	E 2 27	330	976·1	1012·3	−1·3	318·0	323·5	10th	299·8	297·2	23rd	308·9	+0·1	*309·1*	0	..
638																		
641	Dakhla Oasis	25 30	29 0	130·0	..	1010·8	−0·5	312·1	317	13th	296·6	293	19th	304·4	+0·2	*304·5*	..	..
642	Wadi Halfa	21 55	31 20	128·3	..	1007·2	−1·6	313·2	316	24th	297·1	294	2nd	305·2	+0·4	*305·6*	..	..
643	Suez	29 57	32 32	3·4	..	1008·2	−0·8	309·6	313	12th	296·1	295	19th, 25th	302·8	+0·7	..	0	0
644	Aswan	24 2	32 53	99·6	..	1006·6	−0·8	314·1	317	24th	299·0	296	20th	306·6	+0·2	*308·0*	..	..
647	Bushire	28 59	50 53	4	998·2	998·8	−0·8	309·2	311·5	14th, 20th	302·8	299·1	7th	306·0	+0·5	..	0	0
648	Jask	25 44	57 47	4	999·2	999·6	−1·8	307·1	310·9	26th, 30th	301·6	300·4	28, 30, 31	304·3	−0·5	..	0	0
649	Kurrachee	24 53	66 57	4	1000·8	1001·3	−0·7	302·6	305·8	22nd	298·2	296·9	31st	300·4	+0·3	*299·8*	44	+ 4
650	Hyderabad, Sind	25 24	68 18	29	996·0	999·2	−1·2	307·9	311·1	1st	299·4	298·0	19th	303·7	+0·1	..	35	— 19
651	Jaipur	26 56	75 52	436	953·5	1001·3	−0·5	304·9	309·8	21st	297·7	295·8	18th	301·3	−0·5	*300·4*	217	+ 6
652	Nagpur	21 8	79 5	310	968·7	1003·2	−0·1	303·4	310·0	21st	296·5	294·6	23rd	299·9	−0·2	*299·1*	312	+ 13
653	Allahabad	25 25	81 51	94	990·6	1001·1	−0·1	305·5	308·3	1st	298·1	296·1	2nd, 18th	301·8	+0·2	*301·2*	221	— 85
654	Calcutta	22 36	88 23	6	1001·0	1001·7	−0·4	304·7	307·3	24th	299·2	297·4	4th, 24th	301·9	+0·8	*301·7*	281	— 28
655	Gauhati	26 8	91 41	59	996·8	1003·5	..	305·0	306·8	5, 8, 24	298·6	296·9	1st	301·8	..	..	153	— 87
655a	Cherrapunji	25 15	91 42	1314	860·7	..	..	295·0	298·9	24th, 26th	292·1	290·8	9, 24, 30	293·6	..	..	2139	— 15
656	Shillong	25 33	91 48	1500	878·8	..	..	296·8	299·1	3rd, 25th	290·6	288·4	2nd, 29th	293·7	..	..	312	—103
656a	Akyab	20 11	92 56	6	1004·2	1004·9	−0·6	302·0	304·3	20th	297·9	297·2	5 days	300·0	−0·2	*300·1*	1475	+377
657	Phu Lien	20 48	106 37	115·6	990·4	1003·5	−0·4	305·4	308·8	30th	298·3	296·3	24th	301·9	+0·4	301·3	159	—104
658	Moncay	21 31	107 51	10	1002·3	1003·4	−0·4	305·2	307·1	1st	297·8	295·4	23rd	301·5	0·0	*300·9*	569	+ 71
659																		
660	Hong Kong	22 18	114 10	33·2	1000·9	1004·8	−0·5	303·4	305·9	29th	298·9	296·9	4th	301·2	+0·5	300·9	283	— 77
661	Taihoku, Formosa	25 2	121 31	9·3	1004·1	1005·1	−0·1	305·8	308·0	21st, 24th	297·3	295·0	2nd	301·6	+0·2	300·9	218	—104
662	Naha	26 13	127 41	10·5	1004·9	1006·1	−1·7	303·8	305·9	23rd	297·5	295·7	8th	300·7	−0·3	300·4	596	+338
		N. °	E. °	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.

* Mean of max. and min. or of observations at fixed hours.

† Computed means for the 24 hours are in *italics*.

AUGUST—ZONE 7.

Table representing the Meteorology of the Globe between Latitude 20° N. and 10° N.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure. Mean at Level of Station.	Pressure. Mean at M.S.L.	Pressure. Diff. from Normal.	Temperature. Mean Max.	Temperature. Absolute Max.	Temperature. Date.	Temperature. Mean Min.	Temperature. Absolute Min.	Temperature. Date.	Temperature. *Mean.	Temperature. Diff. from Normal.	Temperature. †24 hr. Mean.	Precipitation. Total.	Precipitation. Diff. from Normal.
		° N.	° W.	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.
715	Zapotlanejo	19 38	103 37	..	..	..	..	..	301·0	..	..	286·0	..	..	..	..	197	..
716	Morelia	19 42	101 7	1951	810·3	..	..	295·7	299·8	2nd	285·8	283·4	1st	290·8	..	*289·9*	138	..
717	Salina Cruz	16 12	95 12	56·3	1006·2	1012·7	..	..	305·4	1st	..	294·6	8th	..	..	*299·7*	119	..
718	Mexico	19 26	99 8	2280	780·8	..	+0·5	296·5	300·0	16th	285·2	283·9	27th	290·9	−0·2	289·5	94	— 21
718a	Oaxaca	17 4	96 44	1563	847·3	..	..	300·4	303·8	4th	287·8	285·9	22nd	294·1	..	*293·2*	74	..
719	Belize	19 29	88 12	1·9	..	..	..	..	305·2	..	..	294·1	..	..	..	..	141	— 93
720	San Salvador	13 44	89 9	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
721	Jamaica (Negril Point)	18 15	78 23	10·1	..	1013·3	+0·1	303·9	305·3	sev. dates	295·5	294·1	18th	299·7	0·0	*299·2*	110	— 62
722	Port au Prince	18 34	72 22	37·4	1009·8	1014·1	+0·1	306·6	308·5	..	295·8	293·5	..	301·2	−0·3	300·3	135	+ 3
723	St. Croix (Christiansted)	17 45	64 42	6·6	1012·2	1012·9	..	303·2	304·9	..	298·7	297·3	..	301·0	..	..	85	..
724	Grenada (Richmond Hill)	12 3	61 45	155·8	994·8	1012·6	−0·1	302·1	304·1	26th	296·8	294·7	5th, 9th	299·5	+0·2	*298·9*	364	+119
725	Barbados	13 8	59 36	55·2	..	1013·0	+1·5	302·4	304·2	..	297·8	294·4	..	300·1	0·0	*299·9*	149	— 44
731	St. Vincent, C. Verde Is.	16 54	25 4	11	1011·5	1012·7	+0·6	301·1	303·0	21, 24, 25	296·1	295·5	sev. dates	298·6	−0·6	..	52	+ 3
732	San Tiago, C. Verde Is.	14 54	23 31	34	1010·0	1013·9	..	301·7	303·5	23rd	297·6	296·1	3rd	299·7	+0·4	..	102	+ 3
733	Bathurst	13 24	16 36	1·5	..	1013·0	+0·4	303·8	306·9	18th	295·5	289·7	26th	299·7	+0·5	*300·3*	422	— 86
734	M'Carthy Island	13 42	14 46	1·1	..	..	..	304·6	306·9	3, 11, 14	295·9	292·4	27th	300·3	−0·4	..	272	— 5
735	Ségon	13 34	6 17	272	..	..	..	303·2	306·8	11th	294·6	292·6	19th	298·9	..	..	176	..
736	Timbouctoo	16 43	W 2 52	250	980·1	1007·9	−1·4	312·1	316·6	25th	297·1	291·8	7th	304·6	+0·5	*303·7*	36	..
737	Sokoto	13 2	E 5 14	354	..	..	..	304·2	306·3	27th	295·8	293·6	13th	300·0	+0·8	..	153	— 50
738	Kontagora	10 24	5 29	400	..	..	..	301·6	304·1	10, 14, 27	294·2	292·4	23rd	297·9	−0·2	..	430	+162
739	Maiduguri	11 48	13 12	361	..	..	..	303·7	305·8	22, 26, 31	294·1	289·7	29th	298·9	−1·0	..	164	— 43
740	Katagum	12 17	10 22	402	..	..	..	303·6	306·3	22, 25, 26	295·2	291·3	15th	299·4	−0·1	..	189	— 7
742	Kadugli	11 2	29 45	503	..	..	..	302·7	306·0	15th	292·8	291·0	29th	297·8	..	..	175	..
743	El Obeid	13 11	30 14	585	..	1011·6	−0·7	305·7	308	17th	293·7	291	7th	299·7	−0·5	*299·9*	66	— 50
744	Khartoum	15 37	32 33	390	..	1009·0	+0·5	310·6	313	5th	297·9	294	27th	304·2	−0·2	*304·6*	15	— 13
746	Aden	12 45	45 3	28·7	1001·3	1004·4	−0·5	306·4	307·6	21, 26, 29	300·6	295·4	23rd	303·5	+0·7	*303·7*	3	0
751	Bombay	18 54	72 49	11·3	1004·5	1005·7	−1·2	301·7	303·6	20th, 21st	298·1	297·2	6 days	299·9	−0·1	*299·3*	461	+101
752	Mysore	12 18	76 40	768	924·1	1008·2	−1·0	300·0	303·6	24th	292·3	291·3	11th, 18th	296·2	−0·8	*295·1*	257	+167
752a	Kodaikanal	10 13	77 28	2343	768·3	..	−1·4	289·6	291·6	13th	284·4	283·6	2nd	287·0	−0·4	286·2	260	+ 70
753	Madras	13 4	80 14	6·7	1005·5	1006·2	−1·0	305·9	309·1	14th	298·1	295·5	17th	302·0	−0·7	301·4	142	+ 17
754	Waltair	17 45	83 16	68·9	995·8	1003·5	−0·1	302·7	305·8	7th	298·1	295·8	4th	300·4	..	*299·8*	236	+ 94
755	Port Blair	11 40	92 40	17·7	1005·5	1007·4	−0·9	302·7	304·8	27th	298·1	295·8	1st, 7th	300·4	0·0	*299·8*	337	— 39
756	Rangoon	16 46	95 48	5·5	1006·3	1007·1	−0·7	302·9	305·3	22nd	298·0	296·8	8, 9, 18	300·4	+0·6	*299·5*	362	—138
757	Saigon	10 46	106 42	11·2	..	..	..	..	..	..	..	..	..	..	..	..	409	+128
758	Nhatrang	12 16	109 12	6·8	1004·4	1005·1	−0·3	308·0	309·8	10th	297·3	296·2	22nd	302·7	+0·6	..	13	— 23
759	Bolinao	16 24	119 53	7·5	..	1006·5	0·0	304·4	306·8	25th	296·7	295·6	28th	300·6	−0·2	299·6	528	— 94
760	Vigan	17 34	120 23	20	..	1006·8	+0·6	303·9	306·4	20th	296·9	295·6	29th	300·4	+0·1	299·8	638	— 81
761	Manila	14 35	120 59	14·2	..	1007·2	−0·3	304·8	307·6	20th	296·6	294·7	25th	300·7	−0·2	299·9	275	— 77
762	Ormoc	11 0	124 36	5·6	..	1007·8	−0·1	304·0	306·0	19th	295·1	292·2	27th	299·6	−0·6	299·1	328	+ 40
765	Guam, Ladrone Is.	13 24	144 38	20·4	..	1007·9	+0·7	302·8	304·4	15th, 16th	297·2	295·0	11th	300·0	−0·1	..	151	—223
		N	E.															

Between Latitude 10° N. and 0°.

AUGUST—ZONE 8.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure. Mean at Level of Station.	Pressure. Mean at M.S.L.	Pressure. Diff. from Normal.	Temperature. Mean Max.	Temperature. Absolute Max.	Temperature. Date.	Temperature. Mean Min.	Temperature. Absolute Min.	Temperature. Date.	Temperature. *Mean.	Temperature. Diff. from Normal.	Temperature. †24 hr. Mean.	Precipitation. Total.	Precipitation. Diff. from Normal.
		° N.	° W.	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.
805	Fanning Island	3 55	159 23	4·3	..	..	..	301·9	302·7	7th	297·7	295·8	14th	299·8	−1·0	*299·1*	35	— 70
819	Culebra	9 10	79 40	123·1	996·9	1010·1	−0·2	303·0	304·7	7th	295·2	293·6	6th	299·0	+0·1	..	257	— 8
823	El Peru, Guayanavieja	7 30	62 0	? 300	984·9	..	..	304·1	305·2	18th	293·1	291·3	21st	298·6	..	..	341	..
825	Georgetown, Brit. Guiana	6 50	58 12	1·8	1011·6	1011·8	−0·1	303·3	305·1	21st	296·7	295·3	19th	300·0	0·0	..	375	+220
826	Paramaribo	5 49	55 9	4	..	1013·1	1013·5	+0·1	304·4	305·6	29th, 30th	296·2	295·1	3rd	300·3	−0·2	*299·4*	179	+ 25
826a	Cayenne	4 56	52 21	6	..	..	..	304·5	305·6	21st	295·8	294·6	25th	300·2	−0·2	*300·2*	73	+ 3
833	Conakry	9 31	13 43	16	1010·8	1012·6	−0·2	300·6	303·2	..	295·1	294·0	..	297·9	−0·1	*297·9*	?	..
834	Sierra Leone	8 30	13 9	68·3	1004·9	1012·9	−0·2	301·1	303·8	5th	295·1	294·3	21, 25, 26	298·1	−0·5	..	1030	+ 82
835	Cape Coast Castle	5 5	1 13	..	..	..	..	301·3	303·0	8th	292·3	288·6	11th	296·8	−0·8	..	43	+ 25
836	Acera	5 35	W 0 6	18	..	..	..	..	..	..	..	..	..	..	..	..	62	+ 47
837	Lagos	6 27	E 3 24	7·6	..	1012·1	−1·5	301·4	303·0	..	295·8	293·1	..	298·6	+0·5	..	72	+ 17
838	Zungeru	9 48	6 10	130	..	1012·3	−1·2	302·2	304·7	18th, 25th	294·8	293·0	28th	298·5	−0·2	..	489	+258
838a	Libreville	0 23	9 26	35	..	..	..	300·6	304·2	3rd	294·4	292·8	6th	297·5	−0·1	..	6	— 9
839	Yola	9 12	12 30	259	..	..	..	302·1	305·2	21st	294·8	291·9	18th	298·4	−0·4	..	205	— 5
841	Kafia Kingi	9 22	24 18	596	945·1	..	..	302·8	304·0	14th	292·8	291·3	4th	297·8	..	..	206	..
842	Wau	7 42	28 3	440	..	1011·4	..	304·2	307·0	6th	..	..	..	..	..	..	330	+ 119
843	Entebbe	0 5	32 29	1171	883·1	..	−1·2	298·0	299·7	16th	288·9	286·8	5th	293·4	−0·3	*292·8*	58	— 23
844	Nandi	0 2	35 5	2010	..	..	..	..	..	..	..	..	..	..	..	..	313	+ 91
845	Harrar	9 42	42 30	1856	..	..	..	295·2	298·0	19th	286·2	284·0	8th	290·7	..	..	82	..
851	Cothin	10 0	76 21	2·7	1009·5	1009·8	−0·9	301·7	303·4	24th	296·6	295·6	5, 8, 11	299·1	+0·1	*298·5*	311	— 21
852	Colombo Observatory	6 54	79 53	7·3	1007·3	1008·1	−0·7	302·9	304·2	17th	297·8	295·9	5th	300·4	−0·3	*299·8*	19	— 71
853	Candy	7 18	80 40	504·5	..	..	..	300·0	302·9	13th	294·2	291·6	12th	297·1	+0·2	..	328	+184
855	Medan	3 35	98 41	23·5	..	1008·9	−0·9	..	..	..	..	..	..	..	..	..	125	— 61
856	Kota Radja	5 32	95 20	7·1	..	1009·0	−1·1	..	..	..	..	..	..	..	..	..	144	+ 22
857	Penang	5 34	100 20	4·9	1008·7	1009·2	−0·7	305·1	308·0	17th	296·0	294·1	3, 9, 10	300·6	+0·4	..	333	+ 23
858	Singapore	1 17	103 51	2·2	1008·8	1009·0	0·0	303·3	305·2	6th	296·6	295·2	15th, 16th	299·9	+0·1	..	197	+ 5
860	Sandakan	5 49	118 12	..	..	..	..	304·4	305·8	2, 11, 26	296·6	296·3	sev. dates	300·5	−0·1	..	186	— 25
861	Tagbilaran	9 38	123 51	26·2	..	1006·9	−1·0	305·3	307·2	27th	297·4	295·7	5th	301·4	..	*300·4*	169	+ 47
862	Surigao	9 48	125 29	6	..	1007·6	−0·2	305·2	307·5	31st	296·5	295·6	23rd	300·9	−0·5	300·3	59	— 31
863	Yap	9 29	138 8	31·9	..	1006·7	+0·2	303·7	305·7	24th	297·1	296·1	13th	300·4	+0·1	..	227	—186
869	Uyelang	9 42	161 3	< 10	1009·1	..	−0·1	..	..	..	..	..	..	..	..	..	201	— 40
		N °	E. °	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.

* Mean of max. and min. or of observations at fixed hours.

† Computed means for the 24 hours are in *italics*.

AUGUST—ZONE 9.

Table representing the Meteorology of the Globe between Latitude 0° and 10° S.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure: Mean at Level of Station.	Pressure: Mean at M.S.L.	Pressure: Diff. from Normal.	Temperature: Mean Max.	Temperature: Absolute Max.	Temperature: Date.	Temperature: Mean Min.	Temperature: Absolute Min.	Temperature: Date.	Temperature: *Mean.	Temperature: Diff. from Normal.	Temperature: †24 hr. Mean.	Precipitation: Total.	Precipitation: Diff. from Normal.
		° S. ′	° W. ′	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.
905	Malden Island	3 59	155 0	8·8	1010·6	1011·6	+1·0	304·8	305·2	1, 16, 31	296·7	295·2	21st	300·8	−0·5	*299·8*	19	− 25
906																		
923	Manaos	3 8	59 59	44·9	1003·9	1009·0	..	305·5	307·4	14th	296·6	295·0	3rd, 4th	301·1	..	..	38	− 5
929	Quixeramobim	5 16	39 18	207·0	990·3	1013·9	−0·3	305·0	306·8	28th	296·3	292·4	13th	300·6	+0·5	*300·5*	0	..
930	Fernando Noronha	3 51	W32 25	95	..	..	..	..	..	..	..	..	..	..	..	..	..	..
939	Sainte-Croix-des-Eshiras	1 44	E10 21	195	..	..	..	303·4	306·5	12th	291·2	287·9	3rd	297·3	+0·7	..	0	0
940	Loango	4 38	11 45	? 50	..	..	..	..	..	..	..	..	..	..	..	..	..	..
943	Daressalam	6 49	39 18	7·6	1015·4	1016·2	−1·2	300·4	302·1	7th	291·8	290·3	18th	296·1	−0·3	295·8	12	− 56
944	Nairobi	1 18	36 59	1660	..	..	..	293·3	296·9	30th	283·2	276·9	2nd	288·3	−0·6	..	9	− 14
944a	Zanzibar	6 10	39 11	21·9	1015·7	1018·2	−0·6	300·2	301·8	30th	295·5	294·3	6th	297·9	+0·1	*296·7*	46	+ 2
945																		
946	Lamu	2 16	40 54	3·0	..	..	..	..	..	..	..	..	..	..	..	..	60	− 1
947	Seychelles	4 37	55 27	4·6	1011·7	1012·3	−0·6	299·9	301·0	..	297·4	296·0	..	298·7	+0·1	*297·8*	50	− 1
948																		
955																		
956	Padang	0 56	100 22	6·7	..	1009·1	−2·0	..	..	..	..	..	..	..	..	..	329	− 45
957	Batavia	6 11	106 50	8	..	1009·5	−1·0	303·2	304·9	2nd	296·0	294·8	6th, 14th	299·6	+0·1	299·2	109	+ 7
958	Pontianak	0 1	109 20	2·6	..	1008·1	−1·2	..	..	..	..	..	..	..	..	..	222	+ 14
959	Passeroean	7 39	112 56	5·0	1009·3	1009·9	−1·2	304·3	306·0	..	294·9	293·0	..	299·6	..	*299·8*	0	− 7
960	Kajoemas	7 56	114 9	950	..	..	..	..	..	..	..	..	..	..	..	..	..	..
961	Koepang	10 10	123 34	3·3	..	1010·0	−1·3	..	..	..	..	..	..	..	..	..	3	..
962	Ambon	3 42	128 10	4·2	..	1009·3	−1·7	..	..	..	..	..	..	..	..	..	1227	+794
965	Daru	9 4	143 13	8	..	1011·7	−0·4	300·7	..	..	296·7	..	..	298·7	+0·7	..	115	+ 54
966	Port Moresby	9 29	147 9	39	..	1010·3	−2·1	302·3	..	..	296·7	..	..	299·5	+1·0	..	10	− 12
967	Rakuranga	4 13	152 8	? 120	..	..	..	306·4	308·0	..	294·9	294·0	..	300·7	..	..	43	..
968	Rendova	8 24	157 19	..	..	..	..	..	..	..	..	..	..	..	..	..	590	+206
969	Tulagi, Brit. Solomon Is.	9 5	160 8	2·1	1009·5	1009·7	−0·4	301·5	302·4	10, 26, 27	296·7	295·2	13, 14, 15	299·1	..	..	207	+ 51
970	Ocean Island	0 52	169 36	48·5	..	1010·8	+2·4	304·6	305·5	21st, 24th	298·2	297·2	2nd, 17th	301·4	+0·5	*300·7*	39	− 34
		S.	E.															

AUGUST—ZONE 10.

Between Latitude 10° S. and 20° S.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure: Mean at Level of Station.	Pressure: Mean at M.S.L.	Pressure: Diff. from Normal.	Temperature: Mean Max.	Temperature: Absolute Max.	Temperature: Date.	Temperature: Mean Min.	Temperature: Absolute Min.	Temperature: Date.	Temperature: *Mean.	Temperature: Diff. from Normal.	Temperature: †24 hr. Mean.	Precipitation: Total.	Precipitation: Diff. from Normal.
		° S.	° W.	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.
1001																		
1002	Apia, Samoa	13 49	171 45	4	1011·6	1012·0	0·0	301·1	303·6	..	295·7	291·9	..	298·4	+0·6	*298·7*	76	− 22
1003	Alofi, Niue Island	19 2	169 55	36·6	?1013·5	1017·7	0·0	?300·9	?305·2	28th	?291·6	?288·0	5th	?296·2	+0·5	..	138	+ 52
1004																		
1007	Makatea	15 47	148 14	39	1010·2	1014·7	+1·5	300·3	301·4	..	295·1	291·3	..	297·7	..	..	60	..
1008																		
1021	Puerto de Arica	18 28	70 20	5	1018·2	1018·8	..	292·4	295·3	sev. dates	284·9	282·4	2nd	288·7	−1·4	*288·0*	..	..
1022	Arequipa	16 22	71 33	2451	761·5	..	+0·4	292·2	294·7	2nd	281·9	279·1	24th	287·1	0·0	..	0	0
1023																		
1024	Sucre, Bolivia	19 3	67 17	2844	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1025	Araguaya	15 33	52 59	488	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1026	Cuyaba	15 35	56 0	235	992·7	1019·6	−1·3	304·4	307·2	17th	294·4	287·0	20th	299·4	0·0	..	0	− 14
1027	Bello Horizonte	19 54	43 30	857	922·0	1019·2	..	297·5	301·0	..	283·2	279·6	..	290·4	..	..	0	..
1028	Cætite	14 2	42 37	900	918·4	1019·4	..	298·9	302·5	10th	287·0	285·7	1st	293·0	..	..	5	..
1029	Ondina	13 0	38 30	45·2	1010·4	1015·7	..	298·1	301·0	11th	294·1	292·9	2nd, 17th	296·1	..	..	81	..
1030	Aracaju	10 55	37 4	4·3	1017·5	1018·0	..	300·7	303·6	11th	295·2	293·3	5th	297·9	..	..	40	..
1035	St. Helena	15 57	W 5 40	? 620	950·0	1022·3	+1·0	288·9	293·0	28th	284·4	283·6	20th, 23rd	286·7	−0·5	*286·4*	110	+ 9
1036																		
1041																		
1042	Gwelo	19 26	E30 2	1416	860·7	..	−1·1	297·7	303·1	..	280·0	275·2	..	288·8	+0·5	..	0	− 3
1043	Salisbury, Rhodesia	17 48	31 5	1487	860·1	..	−0·8	297·4	302·4	..	279·8	274·7	..	288·6	0·0	..	0	− 1
1044	Zomba	15 23	35 18	954	910·3	1018·0	−0·1	296·9	300·6	30th	284·7	280·2	5th	290·8	−0·3	*289·1*	5	− 4
1045	Tamatave	18 9	49 26	4	1019·9	1020·4	−0·6	297·8	300·4	..	290·5	288·0	..	294·2	−0·3	..	165	− 75
1046	Tananarivo	18 55	47 32	1400	867·7	..	−0·7	294·3	299·8	28th	281·4	277·7	3rd	287·9	−0·8	287·1	1	− 5
1055	Cocos Keeling Is.	12 5	96 54	4·6	..	1012·0	..	300·7	302·2	6th	297·1	294·4	18th	298·9	−0·1	..	229	+134
1056																		
1057	Christmas Is.	10 25	105 43	5·5	1008·2	1008·8	−1·7	302·6	304·2	..	296·1	294·2	..	299·3	−0·1	..	143	+ 75
1058																		
1061	Derby	17 18	123 40	16·2	..	1014·2	+0·1	304·8	308·3	23rd	290·6	283·6	5th	297·7	+1·1	..	0	− 3
1062	Hall's Creek	18 13	127 46	373·6	..	1015·1	−0·2	302·7	307·9	31st	284·7	274·8	5th	293·7	+0·1	..	56	+ 56
1063	Port Darwin	12 28	130 51	29·6	..	1011·8	−0·4	305·9	308·1	27th, 28th	295·2	292·4	4th	300·6	+1·3	*299·4*	0	− 3
1064	Daly Waters	16 16	133 23	210·6	..	1014·1	..	304·8	309·7	31st	288·7	283·0	4th, 5th	296·8	+1·3	*296·1*	0	− 4
1065	Mein	13 13	142 57	121·9	..	1011·7	..	301·9	303·5	24th	293·7	289·4	3rd	297·8	..	..	1	− 2
1066	Georgetown, Queensland	18 23	143 33	301·8	..	1015·2	..	303·1	306·9	26th	288·6	281·9	6th	295·8	..	..	0	− 6
1067	Samarai	10 37	150 40	6·4	..	1009·4	−2·9	300·2	..	..	296·3	..	..	298·3	+0·5	..	568	+317
1068																		
1070	La Kolle	17 40	168 20	30	..	..	..	300·4	303·1	25th	289·9	286·0	11th	295·2	..	..	64	..
1072	Suva, Fiji	18 8	178 26	13·4	..	1016·5	+0·7	298·9	302·2	27th	292·7	291·3	10th, 12th	295·8	−0·4	..	228	+ 40
		S. ° ′	E. ° ′	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.

* Mean of max. and min. or of observations at fixed hours.

† Computed means for the 24 hours are in *italics*.

AUGUST—ZONE 11.

Table representing the Meteorology of the Globe between Latitude 20° S. and 30° S.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure: Mean at Level of Station.	Pressure: Mean at M.S.L.	Pressure: Diff. from Normal.	Temperature: Mean Max.	Temperature: Absolute Max.	Temperature: Date.	Temperature: Mean Min.	Temperature: Absolute Min.	Temperature: Date.	Temperature: *Mean.	Temperature: Diff. from Normal.	Temperature: †24 hr. Mean.	Precipitation: Total.	Precipitation: Diff. from Normal.
		° S. ′	° W. ′	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.
1105	Rarotonga (Avarua)	21 12	159 47	..	..	..	..	297·1	299·1	26th	291·9	287·4	7th	294·5	..	..	216	+103
1106																		
1115	Mataveri, Easter Island	27 10	109 26	30	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1116																		
1121	Punta Tortuga, Coquimbo	29 56	71 21	27	1014·9	1018·2	+0·5	289·6	293·6	7th	..	..	..	285·3	..	..	1	− 12
1122	Puerto de Antofagasta	23 38	70 25	4	1015·8	1016·3	+1·0	297·8	298·4	sev. dates	283·1	282·6	3rd	290·5	+0·6	*289·8*	0	0
1125	Goya	29 9	59 15	64	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1126	Porto Alegre	30 1	51 13	24·5	1014·7	1017·6	..	293·2	302·0	25th	283·4	277·0	19th, 20th	288·3	..	*290·2*	145	+ 45
1127	Curityba	25 25	49 15	908	917·3	1021·0	+0·5	294·3	300·0	28th	281·1	270·2	19th	287·7	+0·8	*287·3*	3	− 87
1128	Rio de Janeiro	22 54	W43 10	61	1012·1	1019·3	+0·1	..	302·9	..	..	288·8	..	..	+0·7	294·3	38	− 8
1139	Windhuk	22 34	E17 6	1665·3	835·1	..	..	..	..	..	..	..	..	..	−0·1	288·9	..	..
1140																		
1141	Johannesburg	26 11	28 4	1806	..	..	..	292·8	299·3	24th	280·7	273·5	31st	286·7	−1·2	*286·3*	0	− 5
1142	Kimberley	28 42	28 47	1202	885·1	..	−1·2	294·2	..	..	276·4	..	..	285·3	−0·1	285·1	0	− 7
1142a	Pretoria	25 45	28 11	1339	..	..	..	297·6	303·7	25th	278·2	272·4	5th	287·9	−2·1	..	0	− 6
1143	Durban	29 51	31 0	80	1011·7	1021·3	−1·4	295·4	307·6	15th	286·3	281·6	4th	290·8	−1·1	..	26	− 18
1144	Lorenzo Marques	25 58	32 36	59	..	1020·7	+0·3	298·2	307·4	30th	286·4	281·1	4th	292·3	−0·7	291·8	0	− 11
1147	Mauritius	20 6	57 33	54·3	1013·1	1019·6	−1·2	297·1	298·6	24th, 28th	288·9	284·9	21st	293·0	−0·4	292·6	64	+ 6
1148																		
1159	Onslow	21 43	114 57	4·3	..	1015·1	−1·3	299·7	303·7	22nd	284·2	279·1	2nd	292·0	+0·1	..	0	− 11
1160	Peak Hill	25 38	118 47	588·3	..	1016·0	−1·8	296·4	300·8	22nd	282·4	276·3	9th	289·4	+1·8	..	0	− 20
1161	Nullagine	21 53	120 5	385·6	..	1016·1	−0·6	300·9	305·8	22nd	283·3	273·4	7th	292·1	+1·7	..	12	0
1162	Laverton	28 40	122 23	466·3	..	1019·3	−0·6	294·2	300·2	14th	279·8	272·4	1st	287·0	+1·3	..	4	− 13
1163	Alice Springs	23 38	133 37	587·0	..	1018·2	+0·3	296·1	304·7	30th	280·2	273·0	3rd	288·2	+0·5	*288·0*	2	− 9
1164	William Creek	28 55	136 21	76·2	..	1021·2	..	293·9	302·4	29th	278·8	274·7	7, 10, 12	286·4	..	*286·2*	11	+ 3
1165	Boulia	22 55	139 38	145·7	..	1016·4	..	300·8	306·4	30th	284·1	278·1	3rd, 4th	292·5	..	..	1	− 5
1166	Mitchell	26 32	147 52	337·1	..	1020·5	..	295·4	300·7	19th	277·3	271·3	27th	286·4	..	..	16	− 7
1167	Rockhampton	23 24	150 30	11·3	..	1020·6	..	297·5	301·4	25th	284·4	278·0	5th	291·0	..	..	6	− 22
1168	Brisbane	27 28	153 2	41·7	..	1022·1	+3·5	295·9	300·4	18th	283·8	279·4	6th	289·9	+1·1	..	11	− 52
1169	Noumea	22 16	166 27	9	1015·8	1016·9	..	298·6	301·2	24th	288·6	287·8	28th	293·6	+0·5	..	68	+ 1
1170	Norfolk Island	29 4	167 58	..	..	..	..	..	..	..	..	..	..	..	..	..	72	− 80
		S.	E.															

AUGUST—ZONE 12.

Between Latitude 30° S. and 40° S.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure: Mean at Level of Station.	Pressure: Mean at M.S.L.	Pressure: Diff. from Normal.	Temperature: Mean Max.	Temperature: Absolute Max.	Temperature: Date.	Temperature: Mean Min.	Temperature: Absolute Min.	Temperature: Date.	Temperature: *Mean.	Temperature: Diff. from Normal.	Temperature: †24 hr. Mean.	Precipitation: Total.	Precipitation: Diff. from Normal.
		° S. ′	° W. ′	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.
1219																		
1220	Juan Fernandez	33 37	78 50	10	..	1014·9	1019·9	+1·6	288·2	295·6	3rd	280·6	277·8	1st	284·4	−2·1	*283·5*	47	− 28
1221	Punta Angeles, Valparaiso	33 1	71 38	41	1014·9	1019·9	+1·6	288·2	295·6	3rd	..	280·6	277·8	1st	284·4	−2·1	*283·5*	47	− 28
1222	Santiago	33 27	70 42	520	957·1	1019·0	0·0	..	296·0	3rd	..	271·0	18th	280·9	−1·4	*280·5*	32	− 26
1223	Cordoba	31 25	64 12	439	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1224	Buenos Ayres	34 16	64 11	25·2	1013·8	1016·9	−1·0	289·3	295·0	24th	278·4	271·5	18th	283·9	−0·4	283·9	35	− 26
1225	Rio Grande	32 2	52 6	2·3	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1226	Montevideo	34 52	W56 12	29·3	1013·9	1017·4	−0·1	289·2	297·8	24th	278·0	270·5	1st	283·6	+0·2	283·4	60	− 11
1239	Cape Town	33 56	E18 29	12	1018·0	1019·4	−0·5	289·8	298·4	..	280·9	277·2	..	285·3	−0·6	*283·9*	74	− 13
1240	Danger Point	34 37	19 18	20	..	..	..	288·1	292·4	8th, 27th	282·7	279·7	2nd	285·4	..	..	67	..
1241	Heidelberg	34 5	20 58	1541	..	..	..	293·9	301·3	8th	275·7	270·8	18th	284·8	+0·1	..	3	− 34
1242	East London	33 2	27 55	10·1	1018·0	1019·2	−0·7	293·3	303·6	9th	282·4	276·9	19th, 20th	287·9	−1·0	..	59	+ 20
1259	Perth (Observatory)	31 57	115 51	60·0	..	1019·0	+0·2	290·7	297·8	12th	282·5	279·8	1st	286·6	+0·3	..	116	− 36
1260	Katanning	33 42	117 35	309·7	..	1017·1	−1·3	288·4	294·9	12th	279·6	275·4	8th	284·0	+0·7	..	58	− 4
1261	Coolgardie	30 57	121 10	423·3	..	1019·1	−0·3	291·6	299·1	13th	279·1	274·7	19th	285·3	+0·5	..	11	− 14
1262	Eucla	31 45	128 58	4·6	..	1018·6	+0·4	294·0	299·3	14th	280·6	274·9	21st	287·3	+0·8	..	25	+ 1
1263	Streaky Bay	32 48	134 13	13·1	..	1020·4	+0·8	291·1	296·4	15th	281·7	277·6	22nd	286·4	+1·0	..	21	− 29
1264	Adelaide	34 56	138 35	42·7	..	1020·6	+1·3	290·4	295·2	15th	281·4	277·9	27th	285·9	+0·8	*285·8*	43	− 17
1265	Melbourne	37 49	144 57	35·1	..	1018·9	+0·9	288·3	292·2	29th	280·4	274·8	28th	284·4	+0·9	*284·0*	23	− 24
1266	Bourke	30 13	145 58	110·1	..	1022·1	+3·0	294·4	300·5	18th, 29th	280·4	275·5	27th	287·4	+0·8	..	21	− 1
1267	Sydney	33 51	151 13	44·5	..	1020·9	..	291·6	296·3	16th, 30th	282·5	279·1	28th	287·1	+1·4	..	6	− 76
1268	Lord Howe Island	31 32	159 4	..	..	..	..	..	..	..	..	..	..	..	..	..	56	− 84
1271	Auckland	36 50	174 50	38·1	..	1019·3	..	287·9	291·9	twice	281·2	276·9	11th	284·6	+0·4	..	152	+ 44
1272																		
		S.	E.															

AUGUST—ZONE 13.

Between Latitude 40° S. and 50° S.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure: Mean at Level of Station.	Pressure: Mean at M.S.L.	Pressure: Diff. from Normal.	Temperature: Mean Max.	Temperature: Absolute Max.	Temperature: Date.	Temperature: Mean Min.	Temperature: Absolute Min.	Temperature: Date.	Temperature: *Mean.	Temperature: Diff. from Normal.	Temperature: †24 hr. Mean.	Precipitation: Total.	Precipitation: Diff. from Normal.
		° S. ′	° W. ′	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.
1301	Chatham Island	43 52	170 42	46	..	..	..	283·9	286·3	three times	278·4	274·1	22nd	281·2	+0·5	..	115	+ 26
1302																		
1321	Punta Corona	41 47	73 52	48	..	..	..	283·3	285·2	sev. dates	278·0	276·2	2nd	280·7	−0·4	*280·8*	363	+106
1322	Punta Galera	40 1	73 44	40	1010·2	1015·1	−1·7	284·4	287·6	7th	279·4	276·0	26th	281·9	0·0	*281·6*	370	+108
1323	Bahia Blanca	38 45	W62 12	20	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1324																		
1365	Hobart	42 53	E147 22	53·9	..	1010·8	−3·2	286·9	292·8	30th	279·4	274·4	24th	283·2	+1·3	*282·7*	42	− 4
1366	Launceston	41 27	147 10	9·4	..	1013·1	..	286·7	289·4	14th	277·8	272·4	18th	282·3	..	..	110	+ 40
1369																		
1370	Dunedin	45 52	170 31	91	..	1010·9	−1·8	284·7	290·2	22nd	275·9	272·4	2nd	280·3	+0·7	..	23	− 61
1371	Christchurch	43 32	172 38	7·6	..	1014·0	−0·3	285·7	292·9	27th	275·6	270·9	10th	280·7	+0·8	..	48	− 5
1372	Wellington	41 16	174 46	33·5	..	1016·4	+2·4	285·3	288·1	20th	280·3	274·8	2nd	282·8	+0·6	..	118	+ 2
		S. ° ′	E. ° ′	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm	mm.

* Mean of max. and min. or of observations at fixed hours.

† Computed means for the 24 hours are in *italics*.

AUGUST—ZONE 14.

Table representing the Meteorology of the Globe between Latitude 50° S. and 60° S.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure. Mean at Level of Station.	Mean at M.S.L.	Diff. from Normal.	Temperature. Mean Max.	Absolute Max.	Date.	Mean Min.	Absolute Min.	Date.	*Mean.	Diff. from Normal.	†24 hr. Mean.	Precipitation. Total.	Diff. from Normal.
		° S. ′	° W. ′	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.
1421	Islota de los Evangelistas .	52 24	75 6	55	986·3	993·0	−10·1	278·6	281·0	1st	273·9	269·6	25th	276·3	−1·3	*275·4*	233	+23
1422	Puerto de Punta Arenas .	53 10	70 54	4	990·3	990·8	−10·0	277·3	282·0	sev. dates	273·8	270·0	24th	275·5	−0·5	*275·1*	74	+47
1423	Punta Dungeness . .	52 24	68 26	5	993·8	994·4	− 9·1	..	..	..	274·4	271·2	25th	276·3	..	..	9	− 9
1425	Cape Pembroke . . .	51 41	57 42	15	993·3	995·1	− 7·8	278·4	280·8	1st, 6th	274·1	271·3	26th	276·3	+0·6	276·6	..	..
1426	Stanley, Falkland Is. .	51 41	57 51	4	..	..	..	..	..	..	..	..	..	..	..	..	30	−22
1429	S. Georgia (Cumberland Bay)	54 14 S.	36 34 W.	3	996·3	996·7	− 3·2	274·5	279·2	22nd	268·9	263·0	6th	271·7	0·0	*271·6*	176	+60

AUGUST—ZONE 15. Between Latitude 60° S. and 70° S.

1527	South Orkneys . . .	S. 60 44	W. 44 39	6·9	991·6	992·5	−2·4	266·1	274·0	22nd	256·2	241·3	9th	261·1	−2·5	261·5	27	− 6
1528		° ′	° ′	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.

* Mean of max. and min. or of observations at fixed hours.

† Computed means for the 24 hours are in *italics*.

DAILY OBSERVATIONS OF WIND WITHIN THE TROPICS.—AUGUST 1910.

Date.	St. Helena.* 1035. Direction. 9 a.m.	St. Helena.* 1035. Mean Velocity for the Day. m/s.	Fanning Island. 805. Direction and Force. 9 a.m.	Fanning Island. 805. Direction and Force. 9 p.m.	Sierra Leone. 834. Direction and Force. 9 a.m.	Sierra Leone. 834. Direction and Force. 5 p.m.	Malden Island. 905. Direction and Force. 9 a.m.	Malden Island. 905. Direction and Force. 8 p.m.	Tulagi. 969. Direction and Force. 9 a.m.	Ocean Island. 970. Direction and Force. 9 a.m.	Ocean Island. 970. Direction and Force. 9 p.m.	Suva, Fiji. 1072. Direction. 9 a.m.	Suva, Fiji. 1072. Mean Velocity for the Day. m/s.
1	SE by E	10·4	SE 4	SE 4	N 1	W 4	SE 4	SE 3	SE 4	E 2	E 2	..	2·9
2	SE by S	6·8	E 6	E 4	NW 3	W 3	SE 4	E 3	SE 5	E 2	E 2	..	5·2
3	SE by S	6·9	E 4	E 4	N 2	SE 2	SE 4	E 1	SE 4	E 2	E 3	..	4·4
4	SE	7·7	SE 4	E 5	NE 3	W 3	E 4	E 2	SE 3	E 2	E 2	..	2·0
5	SE by S	5·5	E 4	E 4	NE 3	W 3	E 4	E 2	SE 4	E 2	E 3	..	2·9
6	SE by S	2·0	E 4	E 4	N 3	W 3	E 4	E 2	SE 5	E 2	E 3	..	2·9
7	SSE	5·5	E 4	E 5	NW 2	W 5	E 4	E 2	SE 5	E 2	E 4	..	2·1
8	SSE	11·8	SE 4	SE 4	NW 2	W 4	SE 4	E 3	SE 6	E 3	E 5	..	1·6
9	SE by S	15·3	E 5	E 4	W 3	W 4	SE 4	E 4	SE 5	E 3	E 2	..	1·8
10	SE by S	13·6	E 4	SE 4	NW 5	W 5	SE 4	E 3	SE 6	E 3	E 3	..	2·3
11	SE by S	10·4	SE 5	SE 6	W 3	W 4	E 5	E 3	SE 6	E 6	E 1	..	4·0
12	SE	11·4	SE 5	SE 4	N 3	W 5	SE 4	E 2	SE 6	E 2	E 2	..	4·9
13	SE	9·9	SE 4	SW 2	W 3	W 4	SE 4	SE 1	SE 6	E 3	E 2	..	6·3
14	SE by S	6·9	E 2	SW 2	NE 3	W 3	SE 4	E 1	SE 6	E 4	E 2	..	5·2
15	SE by S	5·6	SE 4	SE 2	Calm 0	W 5	E 3	E 2	SE 7	E 1	E 2	..	5·1
16	SE	7·1	E 4	E 4	NW 3	W 4	E 3	E 1	SE 8	E 2	E 3	..	3·9
17	SE	14·4	SE 4	SE 4	W 4	SW 3	E 3	E 1	SE 6	E 2	E 2	..	2·9
18	SE	17·3	SE 4	SE 4	N 1	SW 4	E 4	E 2	SE 6	E 4	E 3	..	3·8
19	SE	15·4	E 4	E 4	NE 2	W 4	E 4	E 3	SE 7	E 3	E 2	..	1·0
20	SE	8·6	SE 4	SE 2	N 3	NW 2	NE 3	Calm 0	SE 8	E 2	E 1	..	1·3
21	SE by S	5·5	SE 4	SE 2	Calm 0	W 4	NE 3	E 2	SE 7	E 3	E 3	..	1·5
22	SE by S	3·6	E 4	E 4	Calm 0	W 3	SE 5	E 1	SE 5	E 3	E 3	..	2·3
23	SSE	5·2	E 4	E 5	NW 2	W 3	E 3	E 1	SE 6	E 4	E 3	..	3·0
24	SSE	7·8	SE 5	SE 4	W 4	W 3	E 5	E 3	SE 5	E 2	E 4	..	2·6
25	SE by S	9·5	SE 4	SE 4	SE 3	W 4	SE 4	E 5	ESE 5	E 3	E 2	..	2·0
26	SE by S	14·9	SE 4	SE 4	W 3	W 4	SE 4	E 2	SSE 5	E 4	E 4	..	1·3
27	SE by S	14·5	SE 4	SE 5	W 3	W 4	SE 4	E 3	SE 4	E 2	E 2	..	1·5
28	SE by S	10·1	SE 4	SE 4	Calm 0	W 4	SE 4	E 3	SE 2	E 3	E 3	..	2·0
29	SSE	10·7	SE 4	SE 4	NE 3	W 5	E 4	E 1	SE 4	E 3	E 3	..	1·7
30	SE by S	10·7	E 2	S 2	W 4	W 5	E 3	E 1	SE 6	E 2	E 2	..	3·5
31	SE	9·2	S 4	SE 4	W 5	W 5	E 4	E 2	SE 5	E 3	E 2	..	7·4
Mean for Month	..	9·5	..	4·0	..	3·8	..	3·9	2·1	5·4	2·9	2·6	..	7·2
Deviation from Normal	..	+1·2	..	..	..	2·5	..	−0·4	..	..	+0·7	..	..	3·2

* Direction and velocity of the South-East Trade Wind at 620 metres.

STATE OF ICE IN THE ARCTIC SEAS AND IN THE NORTH ATLANTIC.—AUGUST 1910.

**Kara Sea.*—" The area ice-covered was 166,000 sq. km. (normal 137,000 sq. km.)."

**Barents Sea.*—" The edge of the polar ice lay in 77° N. Area covered 463,000 sq. km. (normal 304,000). In *Spitsbergen* a belt 25 miles broad lay between Bell Sound and Icefjord. Ice was drifting west of Spitsbergen. In the north the S. limit was 80° N."

**Greenland Sea, Iceland, and Denmark Strait.*—" Polar ice and close pack ice extended from close inshore far out to sea on E. coast of Greenland. *Iceland* was ice-free. At *Angmagsalik* a broad belt of ice lay off the mouth of the fjord. Area covered 658,000 sq. km. (normal 550,000)."

North Atlantic and Labrador.—" There were very few icebergs on the Newfoundland Banks, but still some in the mouth of the Belle Isle Strait."

**Davis Strait and Baffin Bay.*—" The ice round C. Farewell decreased until 6th, when a new supply from E. coast moved the edge to 30 miles off-shore. Ice-belt extended northward along the coast and extended 60 miles off-shore at Nunarsiut. Further north ice was extensive but scattered. Upernivik to C. York was ice-free and mainly so further north; at the end of August *Hudson Bay* was ice-free."

* " *Bering Sea* and *Bering Strait* were ice-free. *Beaufort Sea* was open along the coast E. from Point Barrow, the ice-edge (heavy polar ice) lying 30 miles off-shore."

* *Isforholdene i de arktiske Have, 1910*, issued by the Danish Meteorological Institute.

RÉSEAU MONDIAL, SEPTEMBER 1910

TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE FOR THE MONTH OF SEPTEMBER 1910 BY MEANS OF STATIONS SELECTED AT THE RATE OF TWO FOR EACH TEN-DEGREE SQUARE.

Between Latitude 80° N. and 70° N. SEPTEMBER—ZONE 1

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure. Mean at Level of Station.	Mean at M.S.L.	Diff. from Normal.	Temperature. Mean Max.	Absolute Max.	Date.	Mean Min.	Absolute Min.	Date.	*Mean.	Diff. from Normal.	†24 hr. Mean.	Precipitation. Total.	Diff. from Normal.
		° N. ′	° W. ′	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.
123	North Star Bay . . .	76 30	68 55	6·5	..	..	..	..	..	..	..	..	..	..	..	..	..	..
124																		
125	Upernivik	72 47	W56 7	18·9	1005·6	1007·9	−0·1	277·0	283·5	2nd	270·7	265·7	27th	273·9	0·0	*274·5*	14	−13
126																		
139	Spitsbergen . . .	78 2	E 14 14	11·4	..	..	..	..	..	..	..	..	..	..	..	..	..	..
140																		
141	Gjesvaer	71 6	25 22	6·5	1009·1	1009·9	+1·4	..	289·1	3rd	..	270·0	29th	..	−0·9	*278·7*	69	0
142	Mehavn	71 1	27 47	6·4	1009·8	1010·6	..	..	289·1	1st	..	270·3	29th	..	..	*278·9*	111	+23
143	Vardö	70 22	31 8	10·0	1009·6	1010·8	+1·3	..	286·6	2nd	..	270·5	29th	..	−0·4	*278·9*	32	−22
144																		
147																		
148		N.	E.															

Between Latitude 70° N. and 60° N. SEPTEMBER—ZONE 2.

203	Nome	64 30	165 24	6·7	..	1012·5	..	282·9	288·6	7th	277·3	269·1	18th	280·1	..	..	103	..
204																		
205	Tanana	65 12	152 0	? 73·8	..	?1014·9	..	284·7	295·2	9th	273·1	260·8	20th	278·9	..	..	19	..
206																		
207	Valdez	61 6	146 13	8·2	..	1014·9	..	288·0	300·8	9th	277·3	272·4	23rd	282·7	..	..	205	..
208	Eagle	64 46	141 12	248	..	1013·2	..	286·5	297·4	12th	272·4	261·3	21st	279·4	..	..	76	+50
209	Dawson	64 4	139 20	321	978·0	1016·9	+5·6	285·5	294·7	12th	274·1	263·0	21st	279·8	+1·3	..	34	− 7
210	Carcross	60 11	134 34	662	..	..	..	287·3	294·1	9th	275·5	268·0	23rd	281·4	..	..	7	..
211																		
212	Fort Simpson . . .	61 52	121 35	129	1001·2	1017·1	..	285·4	296·9	8th	275·6	269·1	23rd	280·5	+1·1	*280·9*	27	+ 2
213	Hay River . . .	60 51	115 20	161	996·8	1016·6	..	282·8	293·0	2nd	275·0	267·4	28th	278·9	−1·6	..	60	..
225	Jacobshavn . . .	69 13	51 2	12·6	1005·8	1007·4	+0·3	277·6	282·6	5th	272·4	265·7	25th	275·0	−0·4	*274·9*	54	+19
226	Godthaab	64 11	51 44	9	1005·4	1006·5	+0·8	280·0	286·7	3rd	273·5	267·8	30th	276·8	+0·4	*275·5*	58	− 27
229	Angmagsalik . . .	65 37	37 34	31·7	..	..	..	..	..	..	..	..	..	..	..	..	..	..
230																		
231	Stykkisholm . . .	66 5	22 46	11·3	1009·0	1010·5	+4·2	282·3	287·5	5th	277·6	273·3	26th	280·0	0·0	*280·2*	101	+25
232	Vestmanno . . .	63 26	20 15	7·7	1011·2	1012·1	+5·8	283·8	286·9	5th	279·1	273·2	19th	281·5	+0·3	*281·4*	222	+76
233	Grimsey (Akureyri) .	66 33	17 58	6·8	1010·2	1011·0	+3·5	280·9	285·8	5th	276·7	271·8	27th	278·8	+0·4	*279·0*	7	−35
234	Berufjord	64 40	14 19	18·0	1009·1	1011·3	+4·0	284·6	290·2	15th, 22nd	277·1	272·0	19th	280·9	+1·2	*280·8*	161	+52
235	Thorshavn	62 3	W 6 45	25·7	1013·9	1017·0	+7·9	285·0	287·3	6th	280·4	276·1	20th	282·7	+0·6	..	84	−51
236																		
237	Bergen (Met. Obs.) .	60 24	E 5 19	44·4	1013·4	1018·8	+7·6	..	293·6	12th	281·9	277·3	25th	..	0·0	*284·3*	232	+ 2
238	Christiansund . .	63 7	7 45	17·8	1014·3	1016·4	+6·1	..	288·1	10th	281·6	276·5	21st	..	−0·2	*283·6*	211	+78
239	Trondhjem . . .	63 26	10 25	39·5	1011·8	1016·6	+6·1	..	293·2	1st	279·8	274·9	20th	..	−0·4	*282·6*	107	+20
240	Bodö	67 17	14 24	20·5	1010·0	1012·5	+3·1	..	291·6	1st	279·3	273·6	18th	..	−0·7	*281·3*	139	+24
241	Haparanda . . .	65 50	24 9	9·2	1012·3	1013·4	+3·0	284·3	289·0	8th, 9th	276·1	268·0	21st	280·2	0·0	*280·6*	49	− 6
242	Helsingfors . . .	60 10	24 57	11·7	..	1017·0	+4·5	287·2	292·0	5th	281·7	273·0	21st	284·4	+0·8	284·6	47	−13
2420	Kuopio	62 54	27 40	99·7	..	1017·4	+4·4	286·8	295·0	13th	279·2	273·0	21st	283·0	+0·5	*282·7*	56	..
243	Kola	68 53	33 1	6·7	..	1012·9	+3·8	..	289·8	2nd	..	264·5	29th	..	−0·4	*278·7*	21	− 5
244	Petrozavodsk . . .	61 47	34 23	38·9	..	1017·0	+4·7	..	294	..	..	272	..	..	+0·7	*282·8*	..	..
245	Arkhangelsk . . .	64 33	40 32	6·7	..	1015·5	+4·6	..	290	..	..	271	..	..	−0·1	*281·1*	106	+55
246	Velsk	61 5	42 7	? 83	..	..	..	..	..	..	..	..	..	..	..	..	..	..
247	Oust-Tsylma . . .	65 27	52 10	? 25	..	1014·3	+3·3	..	290	..	..	268	..	..	+1·1	*280·0*	..	..
248	Troitsko-Petcherskoe .	62 42	56 13	? 123	..	..	..	..	..	..	..	..	..	..	..	..	..	..
249	Berezov	63 56	65 4	39·9	..	..	..	..	..	..	..	..	..	..	..	..	..	..
250	Obdorsk	66 31	66 35	23·7	..	..	..	..	..	..	..	..	..	..	..	..	..	..
251	Sourgout	61 15	73 24	? 40	..	..	..	..	..	..	..	..	..	..	..	..	..	..
252																		
253	Touroukhansk . . .	65 55	87 38	? 40	..	..	..	..	..	..	..	..	..	..	..	..	..	..
254	Doudinka	69 7	87 0	? 20	..	..	..	..	..	..	..	..	..	..	..	..	..	..
261	Olekminsk	60 22	120 26	? 135	..	..	..	..	..	..	..	..	..	..	..	..	..	..
262	Iakoutsk	62 1	129 43	? 108	..	..	..	..	..	..	..	..	..	..	..	..	..	..
263	Verkhoïansk . . .	67 33	133 24	? 100	..	..	..	..	..	..	..	..	..	..	..	..	..	..
264	Oust-Maïskoe . . .	60 25	134 29	? 100	..	..	..	..	..	..	..	..	..	..	..	..	..	..
271	Markovo sur Anadyr .	64 45	177 50	? 20	..	..	..	..	..	..	..	..	..	..	..	..	..	..
272	Novo-Mariinskii Post .	64 45	177 33	5·2	..	..	..	..	..	..	..	..	..	..	..	..	..	..
		° N. ′	° E. ′	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.

* Mean of max. and min. or of observations at fixed hours. † Computed means for the 24 hours are in *italics*.

SEPTEMBER—ZONE 3.

Table representing the Meteorology of the Globe between Latitude 60° N. and 50° N.

SEPTEMBER—ZONE 4.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure: Mean at Level of Station.	Pressure: Mean at M.S.L.	Pressure: Diff. from Normal.	Temperature: Mean Max.	Temperature: Absolute Max.	Temperature: Date.	Temperature: Mean Min.	Temperature: Absolute Min.	Temperature: Date.	Temperature: *Mean.	Temperature: Diff. from Normal.	Temperature: †24 hr. Mean.	Precipitation: Total.	Precipitation: Diff. from Normal.
		° N. ′	° W. ′	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.
301																		
302																		
303	Dutch Harbour	53 54	166 32	4·0	..	1003·0	..	287·8	292·4	1st	277·6	271·9	30th	282·7	..	..	458	..
304																		
305																		
306																		
307																		
308																		
309	Sitka	57 4	135 20	27	..	1017·9	+ 7·3	290·4	299·7	8th	280·3	273·6	25th	285·4	+1·8	..	207	−39
310	Prince Rupert	54 18	130 18	52	..	1017·6	..	287·3	295·8	12th	279·6	276·6	13th	283·4	..	..	218	..
311	Barkerville	53 2	121 35	1274	..	1018·3	..	284·4	293·0	20th	273·9	266·9	11th	279·2	−1·2	*279·1*	55	−38
312	Kamloops	50 41	120 29	380	..	1015·2	− 0·7	294·5	303·0	20th	280·6	271·4	25th	287·6	+0·2	*287·4*	11	−14
313	Calgary	51 2	114 2	1033	..	1016·3	+ 2·4	289·3	299·7	15th	276·4	265·2	25th	282·8	−0·4	*282·8*	38	+ 6
314	Fort Chipewyan	58 42	111 10	218	988·9	1015·3	..	284·8	294·1	19th	275·5	265·8	22nd	280·2	..	*280·7*	49	..
315	Prince Albert	51 10	106 0	437	..	1014·5	+ 3·3	288·6	301·9	16th	275·5	266·9	25th	282·1	−0·4	*282·1*	20	−17
316	Qu'Appelle	50 30	103 47	645	..	1016·2	+ 2·7	289·6	299·9	16th	276·3	269·1	26th	283·0	−1·2	*282·6*	12	−32
317	Minnedosa	50 15	99 50	515	..	1016·2	..	290·3	303·3	16th	276·9	267·4	26th	283·6	−0·6	*282·8*	38	− 1
318	Berens River	52 18	97 23	216	..	..	..	287·6	294·1	16th	278·0	269·1	23rd	282·8	..	*282·1*	61	..
318*a*	York Factory	57 0	92 28	11	1015·8	1017·1	+ 4·3	..	290·2	15th	273·8	269·1	13th	..	..	*277·3*	..	..
319	Fort Hope	51 32	87 48	? 270	983·5	1016·1	..	286·4	294·1	16th	276·4	269·7	12th	281·4	−0·7	..	64	+ 6
320	Moose Factory	51 16	80 56	9	1014·8	1015·9	..	287·1	297·4	16th	276·8	270·2	23rd	282·0	−1·9	..	76	+ 1
321																		
322																		
323	Hebron	58 12	62 21	15·0	1006·4	1008·2	+ 1·0	281·1	292·7	..	274·9	269·3	..	278·0	−0·2	..	26	..
324	Nain	56 33	61 41	4·2	1010·6	1011·1	+ 3·0	..	..	..	275·1	267·2	..	..	..	..	29	..
325																		
326	Point Riche	50 42	57 25	10·7	..	..	..	..	288·6	13th	..	277·4	19th	283·7	−0·2	..	95	+ 8
327																		
328																		
329																		
330																		
331																		
332																		
333																		
334	Valencia	51 56	10 15	13·7	1023·9	1025·5	+10·5	288·8	290·8	9th	282·6	277·4	30th	285·7	−0·9	285·9	25	−89
335	Aberdeen	57 10	2 6	27·4	1019·9	1023·2	+10·4	287·5	291·9	23rd	281·1	278·0	20th	284·3	−0·4	284·4	29	−40
336	Greenwich	51 28	W 0 0	48	1017·7	1023·5	+ 7·5	291·1	296·9	28th	282·2	276·9	10th	286·7	−0·9	286·4	19	−36
337	Uccle	50 48	E 4 22	100	1009·5	1021·6	+ 5·2	291·3	298·0	29th	282·8	274·7	22nd	287·1	−0·8	286·8	70	0
338	De Bilt	52 6	5 11	3·0	1021·0	1021·4	+ 5·0	291·1	297·2	30th	282·6	274·5	22nd	286·9	0·0	286·4	70	+ 7
338*a*	Hamburg	53 33	9 59	26·0	1016·4	1019·5	+ 3·8	290·4	295·8	14th	283·8	278·0	22nd	286·9	+0·7	*286·6*	40	−15
339	Copenhagen	55 41	12 36	5·0	1017·8	1018·4	+ 3·6	289·0	292·5	1st	284·1	278·7	22nd	286·6	?−0·1	*?287·0*	42	−20
340	Potsdam	52 23	13 4	84·9	1008·8	1019·1	+ 2·6	291·3	295·8	14th	281·6	276·4	26th	286·5	−0·3	285·8	36	−18
340*a*	Upsala	59 51	17 38	24·0	1013·9	1016·8	+ 4·7	288·2	292·3	13th	279·6	270·8	26th	283·9	+0·6	284·1	39	−10
341	Warsaw	52 15	21 1	127	1003·2	1018·6	+ 2·2	290·3	296·4	12th	282·5	277·0	26th, 27th	286·4	−0·5	*286·9*	33	−17
342	Jurjev	58 23	26 43	74·5	1009·4	1018·5	+ 5·0	289·5	296·3	12th	279·9	272·2	22nd	284·7	+0·4	284·6	23	−37
343	Petrograd	59 56	30 16	4·8	..	1017·9	+ 5·2	..	295	..	..	274	..	..	+1·2	*284·9*	42	−10
344	Kiev	50 27	30 30	183·1	998·3	1020·4	+ 3·6	292·1	298·2	6th	282·1	273·7	27th	287·1	−1·4	285·3	28	−17
344*a*	Moscow	55 45	37 34	156	1002·4	1021·4	+ 6·2	289·7	297·3	5th	278·3	271·3	19th	284·0	−1·3	283·9	10	−45
345	Saratov	51 32	46 3	59·9	..	1019·6	+ 3·2	..	299	..	..	276	..	..	+0·8	*287·9*	21	−11
346	Kazan	55 47	49 8	79·8	1010·2	1020·0	+ 4·8	..	297·9	9th	..	269·7	30th	..	+0·5	*284·4*	8	−34
347	Orenburg	51 45	55 6	114·1	..	1019·8	+ 2·0	..	302	..	..	273	..	..	+0·5	*286·5*	19	−13
348	Perm	58 1	56 15	163·0	..	1018·0	+ 5·5	..	294	..	..	268	..	..	−0·1	*281·7*	62	+ 2
349	Ekaterinburg	56 50	60 38	288·9	..	1018·0	+ 3·4	..	293	..	..	269	..	..	+0·4	*282·0*	10	−27
350	Tobolsk	58 12	68 14	108·3	..	..	..	..	..	..	..	..	..	..	..	..	..	..
351	Akmolinsk	51 12	71 23	? 347	..	..	..	..	..	..	..	..	..	..	..	..	..	..
352	Omsk	54 58	73 23	90	..	1017·3	+ 1·0	..	296·0	1st, 27th	..	270·4	30th	..	−0·9	*282·6*	29	+ 6
353	Barnaoul	53 20	83 47	162·2	..	1017·9	+ 0·4	..	296·6	24th	..	272·0	5th	..	−0·5	*282·4*	36	+12
354	Tomsk	56 30	84 58	121·6	..	1017·1	+ 0·9	..	295·0	28th	..	273·6	4th	..	−0·5	*281·3*	67	+33
355	Minousinsk	53 43	91 41	? 245	..	..	..	..	..	..	..	..	..	..	..	..	..	..
356	Eniseisk	58 27	92 11	84·4	..	..	..	..	..	..	..	..	..	..	..	..	..	..
357	Irkutsk	52 16	104 19	467·0	..	1022·1	+ 3·0	..	293·6	3rd	..	269·9	23rd	..	−2·8	*279·8*	39	− 1
358	Kirensk	57 47	108 7	? 263	..	..	..	..	..	..	..	..	..	..	..	..	..	..
359	Tchita	52 2	113 30	663·7	..	1023·4	..	..	293·8	5th	..	270·0	8th	280·6	..	..	15	..
360	Blagoveshchensk Priisk	58 10	114 17	? 490	..	..	..	..	..	..	..	..	..	..	..	..	..	..
360*a*	Nertchinsk	51 59	116 35	484·3	..	?1019·4	+ 4·4	..	..	..	..	..	..	..	−0·1	*?280·6*	..	..
361	Tygan Ourkan	54 5	124 46	? 370	..	..	..	..	293·8	30th	271·8	265·4	28th	..	..	*280·3*	14	..
362	Blagoveshchensk	50 15	127 38	133·6	..	..	..	..	..	..	..	..	..	..	..	..	..	..
363	Paikanskii Sklad	50 11	130 7	? 168	..	..	..	..	294·5	7th	274·4	267·5	26th	..	..	*281·8*	35	..
364																		
365	Nikolaevsk-sur-Amour	53 8	140 45	21·2	..	..	..	..	294·2	1st, 7th	..	272·5	29th	..	+0·4	*283·5*	0	−68
366	Okhotsk	59 21	143 17	6·0	..	..	..	..	..	..	..	..	..	..	..	..	..	..
367																		
368	Petropavlovsk Phare	52 53	158 47	87·1	..	..	..	..	..	..	..	..	..	..	..	..	..	..
369		N.	E.															
370																		
371																		
372		° ′	° ′	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.

* Mean of max. and min. or of observations at fixed hours. † Computed means for the 24 hours are in *italics*.

SEPTEMBER 1910.

Table representing the Meteorology of the Globe between Latitude 50° N. and 40° N.

SEPTEMBER—ZONE 4.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure: Mean at Level of Station.	Pressure: Mean at M.S.L.	Pressure: Diff. from Normal.	Temperature: Mean Max.	Temperature: Absolute Max.	Temperature: Date.	Temperature: Mean Min.	Temperature: Absolute Min.	Temperature: Date.	Temperature: *Mean.	Temperature: Diff. from Normal.	Temperature: †24 hr. Mean.	Precipitation: Total.	Precipitation: Diff. from Normal.
		° N. ′	° W. ′	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.
411	Victoria, B.C.	48 24	123 19	25·9	1013·9	1017·0	+0·8	291·3	298·2	19th	282·0	278·1	25th	286·7	+0·2	285·9	40	− 3
412	Portland, Oregon	45 32	122 41	46·6	1012·2	1017·6	+0·7	293·7	300·8	2nd	283·5	280·2	7th	288·6	−0·3	*288·2*	29	−18
413	Macleod	49 44	113 24	954	..	..	..	290·9	300·8	16th	277·6	269·7	25th	284·3	−0·5	*284·1*	34	+ 5
414	Helena	46 34	112 4	1253	876·1	1017·9	+3·0	290·1	299·7	16th	278·3	271·9	26th	284·2	−2·3	*284·1*	45	+18
414*a*	Salt Lake City	40 46	111 54	1329	867·5	1013·2	−1·0	298·8	305·2	9th	286·9	280·2	5th	292·9	+1·5	*293·1*	19	− 3
415	Cheyenne	41 8	104 48	1856	816·4	1015·9	+1·4	295·7	301·9	10th	280·7	273·6	26th	288·2	+1·2	*288·1*	46	+22
416	North Platte	41 8	100 45	859	918·8	1016·9	+2·0	298·7	306·9	7th	284·0	276·9	27th	291·3	+1·0	*291·1*	25	−13
416*a*	Bismarck	46 47	100 38	510·6	957·7	1018·3	+4·4	293·5	304·1	20th	279·5	272·4	12th	286·5	−0·4	*286·4*	68	+37
417	Winnipeg	49 53	97 7	231·6	..	1016·6	+2·4	291·4	298·6	15th	279·3	271·2	26th	285·4	+0·2	284·5	70	+21
418	Duluth	46 47	92 6	345·1	975·9	1017·3	+2·0	291·1	301·3	30th	281·2	274·1	12th	286·2	−0·6	*286·1*	107	+17
419	Port Arthur	48 27	89 12	196·3	..	1016·9	+1·4	290·9	296·9	19th	279·2	270·8	12th	285·1	+0·4	*285·0*	87	+ 5
420	Chicago	41 53	87 37	250·8	988·6	1018·6	+1·4	294·6	301·3	8th	288·3	282·4	27th	291·4	+0·3	*291·3*	99	+22
421	Toronto	43 40	79 24	106·7	1005·9	1018·8	+1·6	294·0	300·4	6th	283·0	276·7	22nd	288·5	−0·5	287·6	99	+26
422	New York	40 43	74 0	95·7	1007·4	1018·6	0·0	296·9	305·2	6th	289·5	285·2	20th	293·2	+1·1	293·8	36	−55
423	St. John, N.B.	45 17	66 4	21·3	..	1019·3	+2·8	290·1	295·8	18th	283·3	279·9	10th	286·7	0·0	*286·4*	51	−41
424	S. W. Point, Anticosti	49 24	63 35	9·1	1016·6	1017·7	+3·6	285·3	288·0	..	279·2	274·9	..	282·2	−0·1	..	35	−35
425	Sable Island (Main Station)	43 57	60 6	7·6	1017·3	1018·2	..	291·6	295·2	..	287·4	283·0	..	289·5	+1·1	..	112	+25
426	St. Johns, Newfoundland	47 34	52 42	38·1	..	1017·6	+1·5	288·9	295·2	21st	281·3	275·8	3rd, 20th	285·1	+0·1	..	110	+23
435	Madrid	40 24	3 41	655·4	943·1	1017·9	+1·1	299·8	307·2	1st, 2nd	283·6	277·8	15th	291·7	−1·5	291·0	56	+23
436	Nantes	47 15	W 1 34	41·4	1017·6	1022·6	+4·7	292·9	300·1	28th	282·5	277·1	22nd	287·7	−2·2	*287·2*	5	−42
437	Paris (Parc St. Maur)	48 49	E 2 29	50·3	1015·8	1021·9	+4·7	292·4	298·7	29th	282·6	277·2	21st	287·5	−0·5	287·2	19	−31
438	Marseilles	43 18	5 23	75	1007·3	1016·3	+0·1	296·2	299·9	18th	284·6	280·0	23rd	290·4	−2·0	*289·9*	68	+17
438*a*	Zurich	47 23	8 33	493·2	962·6	1021·0	+2·1	290·2	296·4	29th	281·3	276·3	25th	285·7	−2·6	284·7	102	− 8
439	Rome	41 54	12 29	63·4	..	1014·3	−2·4	296·7	299	sev. dates	287·8	283	23rd	292·2	−1·8	*292·0*	45	−26
440	Vienna	48 15	16 22	202·5	993·9	1018·1	+0·4	289·1	293·7	13th	283·0	278·9	26th	286·1	−2·0	285·9	121	+77
440*a*	Buda-Pesth	47 30	19 2	112·5	1001·5	1017·1	−0·4	292·1	298·0	11th, 12th	283·3	277·0	27th	287·7	−1·6	*287·4*	107	+54
441	Bucharest	44 25	26 6	82	1007·4	1017·2	+0·1	296·6	303·0	1st	285·3	278·0	20th	291·0	−0·4	*290·2*	43	+12
443	Odessa (University)	46 29	30 46	65·3	1010·8	1018·7	+0·7	294·4	300·0	10th	286·4	278·5	19th, 27th	290·4	+0·2	*290·1*	2	−32
444	Kharkov (University)	50 0	36 14	140	..	1020·3	+2·9	..	300	..	..	275	..	287·4	−0·1	*287·2*	15	−20
444*a*	Novorossiisk	44 40	37 49	37	..	1014·6	−2·6	..	302	..	..	281	..	291·8	−0·6	*291·6*	33	−17
445	Tiflis	41 43	44 48	409	..	1016·3	−0·1	..	302	..	..	280	..	291·9	−0·6	*291·8*	55	+ 4
446	Astrakhan	46 21	48 2	−14	..	1018·4	+0·8	..	300	..	..	277	..	289·8	−1·0	*289·6*	32	+19
447	Fort Alexandrovsk	44 31	50 16	24	..	..	..	..	..	..	..	..	..	..	..	..	..	..
448	Krasnovodsk	40 0	52 59	−15	..	1014·6	−1·8	..	305	..	..	283	..	295·5	−1·1	*295·4*	..	..
449	Tachkent	41 20	69 18	478·3	..	1015·2	+0·4	..	306·6	19th	..	276·8	29th, 30th	..	−1·0	*291·5*	3	− 2
450	Irgiz	48 37	61 16	112	..	..	..	..	..	..	..	..	..	..	..	..	..	..
451	Narynskoe	41 26	76 2	?2015	..	..	..	..	..	..	..	..	..	..	..	..	..	..
452	Vernyi	43 16	76 53	824·8	..	..	..	..	..	..	..	..	..	..	..	..	..	..
461	Mukden	41 48	123 23	43·8	1009·9	1015·1	+1·1	296·3	303·0	8th	282·8	277·4	26th	289·6	−0·5	288·9	40	−53
462	Joshin	40 40	129 11	4·0	1013·6	1014·1	+0·4	294·6	298·8	6th	284·5	279·8	21st	289·6	−1·1	289·3	75	−32
463	Vladivostok	43 7	131 54	15·7	..	1013·9	−0·9	..	297·8	8th	..	281·7	26th	..	−0·3	*289·0*	4	−66
464																		
465																		
466	Ochiai	47 20	142 44	15·0	1009·7	1011·5	..	291·3	296·6	9th	278·7	272·6	21st	285·0	..	284·5	153	..
	Nemuro	43 20	145 35	26·7	1008·9	1012·1	−1·9	291·5	295·1	12th	284·1	279·7	23rd	287·8	−0·5	287·4	102	−33
		N.	E.															

Between Latitude 40° N. and 30° N.

SEPTEMBER—ZONE 5 (Western Half).

		N.	W.															
511	San Francisco	37 48	122 26	47·2	1008·7	1014·5	+0·7	291·1	300·8	30th	283·4	281·9	1st	287·3	−0·9	286·6	1	− 6
512	San Luis Obispo	35 18	120 39	61·3	1006·9	1014·2	+0·7	298·2	310·2	10th	283·2	278·6	13th	290·7	+1·3	*290·1*	10	+ 7
513	Modena	37 48	113 54	1670	834·7	1012·8	−0·3	299·0	304·1	9th	281·7	276·9	27th	290·4	+1·7	*290·3*	43	+14
514	San Diego	32 43	117 10	26·5	1009·1	1012·2	0·0	296·0	303·0	10th	289·8	286·3	21st	292·9	+0·5	*292·7*	4	+ 2
515	Santa Fé	35 41	105 57	2138	791·5	1013·5	0·0	297·1	301·3	8th	283·5	279·1	23rd	290·3	+1·4	*290·2*	28	−14
516	Denver	39 45	105 0	1613	840·1	1015·9	+1·4	298·6	305·8	10th	283·3	276·9	26th	290·9	+0·9	*290·7*	25	+ 3
517	Abilene	32 23	99 40	529·6	955·4	1015·2	+0·7	305·9	310·2	4th	293·4	286·3	27th	299·7	+3·2	*299·5*	42	−38
518	Saint Louis	38 38	90 12	172·8	997·3	1017·6	+0·3	298·8	304·7	12th	289·9	284·7	28th	294·3	+0·2	*294·1*	155	+81
519	Mobile	30 41	88 2	17·4	1014·9	1016·9	+1·0	304·6	308·0	22nd	295·0	289·1	18th	299·8	+2·1	*299·4*	27	−101
520	Nashville	36 10	86 47	166·4	999·2	1018·6	+0·7	302·8	306·9	13th	291·6	285·8	16th	297·2	+2·2	*297·0*	19	− 74
521	Charleston	32 47	79 56	14·6	1016·3	1017·9	+0·7	301·6	308·0	7th	294·6	287·4	19th	298·1	+0·6	*297·8*	112	− 27
522	Washington	38 54	77 3	34·1	1014·7	1018·6	0·0	299·9	307·4	6th	289·5	281·9	18th	294·7	+1·6	*294·5*	55	− 37
523																		
524	Bermuda	32 17	64 30	46·0	..	1018·6	+0·5	301·9	304·1	12th	295·7	293·6	24th	298·8	+0·4	..	165	+ 32
531	Horta	38 32	28 38	30	..	1020·3	−0·5	296·4	299	4th, 8th	292·4	289	28, 29, 30	294·4	+0·2	..	31	− 31
532	Ponta Delgada	37 45	25 41	17	1018·1	1020·1	−1·5	295·8	297·7	9th	291·3	287·7	30th	293·6	−0·4	..	45	− 45
533	Madeira (Funchal)	32 38	16 55	25	1014·8	1017·7	−1·6	298·3	303·6	3rd	289·1	287·0	30th	293·7	+0·2	*294·9*	16	− 3
534	Lisbon	38 43	9 9	95	1005·6	1016·8	−0·4	298·3	307·0	2nd	290·8	287·2	18th	294·5	+1·1	*294·1*	98	+ 61
535	Casablanca	33 37	7 35	? 17	1014·5	1016·5	..	297·4	306·3	..	292·2	289·6	..	294·8	+0·1	*294·8*	0	− 14
536	Gibraltar	36 6	5 21	16·2	1013·3	1015·1	−0·9	299·4	304·0	7th	..	..	..	..	+0·1	*295·0*	16	− 21
		° ′	° ′	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.

* Mean of max. and min. or of observations at fixed hours. † Computed means for the 24 hours are in *italics*.

SEPTEMBER—ZONE 5 (Eastern Half).

Table representing the Meteorology of the Globe between Latitude 40° N. and 30° N.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure: Mean at Level of Station.	Pressure: Mean at M.S.L.	Pressure: Diff. from Normal.	Temperature: Mean Max.	Temperature: Absolute Max.	Temperature: Date.	Temperature: Mean Min.	Temperature: Absolute Min.	Temperature: Date.	Temperature: *Mean.	Temperature: Diff. from Normal.	Temperature: †24 hr. Mean	Precipitation: Total.	Precipitation: Diff. from Normal.
		° N. ′	° E. ′	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.
537	Algiers	36 47	3 4	38·5	1012·3	1016·8	+0·5	299·3	305·1	19th, 30th	291·7	288·5	15th	295·5	−2·2	*294·6*	28	+ 4
538	Palma	39 33	2 42	23	1014·1	1016·8	−1·3	298·2	302·4	2nd	290·7	286·6	24th	294·4	−1·0	..	110	+ 68
538*a*	Tunis	36 48	10 10	43	..	1018·7	+1·5	301·8	307	15th, 20th	288·8	285	sev. dates	295·3	−2·0	..	13	− 8
539	Malta	35 54	14 31	59	..	1017·6	−0·4	297·7	302	15th, 21st	292·5	290	sev. dates	295·1	−2·2	..	10	− 24
540	Catania	37 30	15 3	54·9	1007·9	1015·5	−0·9	299·4	304·5	21st	289·6	286·5	25th	294·5	−2·0	..	1	− 48
541	Athens	37 58	23 43	107·1	..	1014·0	−1·3	300·3	304	7th	291·7	288	20th, 21st	296·0	−0·9	*295·5*	7	− 8
542	Alexandria	31 9	29 54	32·0	..	1013·9	0·0	302·7	311	13th	292·6	289	23rd	297·6	−1·3	*297·0*	2	0
543	Cairo (Helwan)	29 52	31 20	115·6	..	1012·7	−0·7	305·4	314	13th	292·8	290	22nd	299·1	+0·3	298·8	0	0
544	Nicosia	35 12	33 24	152	..	1008·7	−3·1	306·2	310·2	3rd	290·3	285·8	23rd	298·2	−0·4	*297·8*	47	+ 42
544*a*	Beirut	33 54	35 28	52·4	..	1010·8	−0·8	302·8	305	3rd	295·5	292	29th	299·2	+0·1	..	9	+ 1
545	Baghdad	33 21	44 28	38·7	1002·0	1006·4	−1·8	312·1	317·9	2nd	295·2	287·7	29th	303·7	+0·2	..	0	0
546	Lenkoran	38 46	48 52	−19	..	1016·0	0·0	..	301	..	..	284	..	..	−1·4	*293·5*	261	+ 53
547	Busrah	30 31	47 53	7·6	1004·5	1005·2	−1·8	310·9	314·3	3rd	298·4	291·9	30th	304·7	+0·9	..	0	− 5
548	Meshed	36 16	59 35	946	906·9	1013·1	..	301·2	308·2	19th	277·7	271·2	30th	289·5	−1·8	..	3	+ 2
549	Quetta	30 11	67 3	1677	830·8	..	−1·1	303·9	306·7	21st, 22nd	279·5	276·9	13th	291·7	−1·0	*291·5*	0	− 2
550																		
551	Lahore	31 34	74 20	214	979·2	1003·0	−1·8	310·5	313·2	20th, 21st	297·3	293·7	29th	303·9	+1·1	*303·3*	0	− 65
551*a*	Simla	31 7	77 8	2205	779·6	..	−1·0	291·7	293·7	29th	287·2	285·9	24th, 29th	289·4	+0·2	*289·2*	309	+ 164
552	Leh	34 10	77 42	3503	666·5	..	−0·6	294·6	298·1	4th	278·8	274·9	29th	286·7	+0·4	*285·5*	21	+ 14
552*a*	Dehra Dun	30 20	78 0	681	929·5	1003·7	−1·6	302·3	305·5	5th	294·4	292·2	30th	298·4	+0·3	*297·8*	313	+ 73
559	Hang Kow	30 35	114 17	37·0	1009·1	1013·4	+0·1	301·2	309·7	11th	292·5	286·8	25th	296·9	−0·7	*296·4*	26	− 31
560	Tiensin	39 10	117 10	5·0	1015·8	1016·4	+1·3	298·3	302·9	2nd, 7th	288·5	282·2	26th	293·4	−0·9	..	23	− 30
561	Shanghai (Zi-Ka-Wei)	31 12	121 26	7	1011·1	1011·9	+0·4	301·4	307·9	2nd	292·4	286·9	27th	296·9	+0·2	295·9	40	− 76
562	Jinsen (Chemulpo)	37 29	126 32	67·0	1006·0	1013·9	+1·2	296·3	299·5	8th	288·7	284·4	26th	292·5	−1·6	292·4	30	− 74
562*a*	Nagasaki	32 44	129 52	133·0	995·6	1011·0	−0·4	299·9	307·6	3rd	292·9	288·0	22nd	296·4	−0·8	295·8	450	+ 269
563	Kioto	35 1	135 46	49·4	1007·0	1012·8	+0·4	300·2	307·0	4th	290·6	285·0	18th	295·6	−0·6	294·7	323	+ 137
564	Tokio	35 41	139 45	21·3	1010·6	1013·1	+0·1	297·4	304·9	4th	291·0	286·3	15th	294·2	−1·1	293·9	201	− 2
565	Miyako	39 38	141 59	30·4	1009·7	1013·3	−0·3	295·2	299·4	11th	286·7	281·1	22nd	291·0	−1·3	290·3	246	+ 21
566		N.	E.															

SEPTEMBER—ZONE 6.

Between Latitude 30° N. and 20° N.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure: Mean at Level of Station.	Pressure: Mean at M.S.L.	Pressure: Diff. from Normal.	Temperature: Mean Max.	Temperature: Absolute Max.	Temperature: Date.	Temperature: Mean Min.	Temperature: Absolute Min.	Temperature: Date.	Temperature: *Mean.	Temperature: Diff. from Normal.	Temperature: †24 hr. Mean	Precipitation: Total.	Precipitation: Diff. from Normal.
		° N. ′	° W. ′	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.
605	Honolulu	21 19	157 52	11·6	1014·0	1015·3	−1·1	300·9	302·4	..	295·1	293·6	..	298·0	−0·6	..	163	+ 124
606																		
615	Zacatecas	22 47	102 33	2610	748·2	..	..	290·4	293·8	3rd	282·5	279·6	9th	286·5	..	..	38	..
616	Leon	21 7	101 41	1798·6	823·0	..	−0·3	298·3	301·9	4th	286·5	282·9	20th	292·4	+0·3	..	35	− 81
617	Galveston	29 18	94 50	16·5	1014·7	1016·9	+1·7	302·3	305·8	9th	297·7	293·0	9th	300·0	+0·7	*299·9*	120	− 17
618	New Orleans	29 58	90 4	15·6	1014·7	1016·6	+1·4	303·8	306·9	8th	295·8	292·4	19th	299·8	+1·3	*299·4*	125	+ 5
619	Havana	23 8	82 22	24·3	..	1014·8	+1·7	301·9	303·7	1st	296·4	294·7	16th	299·2	−0·4	*298·9*	93	− 62
620	Key West	24 33	81 48	6·7	1013·8	1014·5	+0·7	303·2	305·2	5th	297·7	295·8	15th	300·5	−0·6	*300·7*	163	− 9
621	Nassau, Bahamas	25 5	77 21	7·6	1013·1	1014·0	−0·5	303·3	304·7	4th, 18th	297·1	295·5	23rd, 24th	300·2	−0·2	..	108	− 99
622																		
633	Puerto de Orotava	28 25	16 32	? 100	..	..	..	298·0	305·8	..	292·1	289·5	..	295·1	−0·2	..	12	+ 5
634	Las Palmas, Canary Islands	28 7	W15 26	7	1015·2	1016·0	−2·6	301·7	306·8	25th	292·5	289·0	21st	297·1	+0·9	..	13	+ 6
637	Insalah	27 17	E 2 27	330	977·9	1014·5	−1·0	315·1	320·2	19th	296·7	292·0	26th	305·9	0·0	*306·0*	0	..
638																		
641	Dakhla Oasis	25 30	29 0	130·0	..	1013·9	−0·4	311·4	315	14th,	295·4	289	30th	303·4	+1·2	*303·4*	..	..
642	Wadi Halfa	21 55	31 20	128·3	..	1009·6	−1·2	312·6	317	4th	297·0	293	28th	304·8	+1·2	*304·9*	..	..
643	Suez	29 57	32 32	3·4	..	1012·2	+0·5	307·1	314	13th	294·0	290	23rd	300·6	+0·6	..	0	0
644	Aswan	24 2	32 53	99·6	..	1009·5	−0·1	313·1	319	4th	297·4	293	23rd	305·2	+0·9	*306·6*	..	..
647	Bushire	28 59	50 53	4	1003·4	1004·0	−1·9	307·0	310·1	12th	299·5	295·2	25th	303·3	−0·2	..	0	0
648	Jask	25 44	57 47	4	1003·7	1004·0	−2·1	306·6	309·6	5th	300·0	296·8	29th	303·3	−0·4	..	0	0
649	Kurrachee	24 53	66 57	4	1004·7	1005·1	−1·7	302·4	306·3	30th	297·2	296·3	7 days	299·8	−0·1	*299·3*	0	− 11
650	Hyderabad, Sind	25 24	68 18	29	1000·2	1003·5	−1·7	308·3	313·3	29th, 30th	297·3	295·8	26th	302·8	−0·6	..	0	− 12
651	Jaipur	26 56	75 52	436	956·5	1004·4	−1·9	306·9	309·8	20th, 21st	296·7	294·2	30th	301·8	−0·1	*301·0*	49	− 38
652	Nagpur	21 8	79 5	310	969·6	1004·0	−2·1	303·6	307·5	3rd	296·3	294·6	16th	299·9	−0·6	*299·2*	264	+ 46
653	Allahabad	25 25	81 51	94	992·5	1003·0	−2·2	305·9	308·1	4th	298·3	296·9	9, 22, 29	302·1	+0·2	*301·4*	237	+ 100
654	Calcutta	22 36	88 23	6	1002·9	1003·6	−2·2	304·7	307·0	3rd, 4th	298·7	296·6	28th	301·7	+0·5	*301·5*	329	+ 66
655	Gauhati	26 8	91 41	59	998·3	1005·0	..	305·7	309·3	6th	297·9	295·8	28th, 29th	301·8	..	..	28	−128
655*a*	Cherrapunji	25 15	91 42	1314	863·4	..	..	296·9	300·1	7th	292·8	289·7	16th, 25th	294·8	..	..	629	−262
656	Shillong	25 33	91 48	1500	846·5	..	..	297·4	300·7	7th	289·5	288·4	5 days	293·5	..	..	280	+ 1
656*a*	Akyab	20 11	92 56	6	1004·4	1005·1	−2·7	303·0	304·6	4 days	298·2	296·3	15th	300·6	−0·4	*300·5*	871	+320
657	Phu Lien	20 48	106 37	115·6	993·1	1006·4	−1·2	302·0	306·1	16th	296·7	292·3	27th	299·4	−0·9	298·8	685	+401
658	Moncay	21 31	107 51	10	1005·5	1006·6	−0·9	304·1	308·0	3rd	296·5	292·1	5th	300·3	−0·2	*299·6*	582	+222
659																		
660	Hong Kong	22 18	114 10	33·2	..	1007·3	−1·2	301·9	305·3	5th	297·6	295·3	28th	299·8	−0·4	299·5	405	+160
661	Taihoku, Formosa	25 2	121 31	9·3	1007·0	1008·0	−1·4	303·5	306·8	19th, 23rd	295·8	293·0	7th	299·7	+0·1	299·3	782	+518
662	Naha	26 13	127 41	10·5	1007·5	1008·7	−0·3	303·6	305·5	25th	297·3	295·0	8th	300·4	+0·5	300·1	229	+ 37
		N.	E.															

* Mean of max. and min. or of observations at fixed hours. † Computed means for the 24 hours are in *italics*.

SEPTEMBER—ZONE 7.

Table representing the Meteorology of the Globe between Latitude 20° N. and 10° N.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure: Mean at Level of Station.	Pressure: Mean at M.S.L.	Pressure: Diff. from Normal.	Temperature: Mean Max.	Temperature: Absolute Max.	Temperature: Date.	Temperature: Mean Min.	Temperature: Absolute Min.	Temperature: Date.	Temperature: *Mean.	Temperature: Diff. from Normal.	Temperature: †24 hr. Mean.	Precipitation: Total.	Precipitation: Diff. from Normal.
		° N. ′	° W. ′	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.
715	Zapotlanejo	19 38	103 37	..	..	..	..	..	311·0	..	..	285·0	..	..	..	..	190	..
716	Morelia	19 42	101 7	1951	810·4	..	..	294·7	297·5	26th	285·6	283·2	20th	290·2	..	*290·0*	87	..
717	Salina Cruz	16 12	95 12	56·3	1005·8	1012·3	..	..	305·3	25th, 29th	..	295·0	16th	..	..	*299·5*	9	..
718	Mexico	19 26	99 8	2280	780·5	..	+0·6	294·5	298·3	3rd	284·1	282·4	19th	289·3	+0·8	288·7	59	− 41
718*a*	Oaxaca	17 4	96 44	1563	846·9	..	..	298·9	302·4	3rd	287·3	285·5	19th	293·1	..	*292·4*	55	..
719	Belize	19 29	88 12	1·9	..	..	..	..	305·8	..	..	296·3	..	..	..	..	147	− 91
720	San Salvador	13 44	89 9	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
721	Jamaica (Negril Point)	18 15	78 23	10·1	..	1012·4	+0·6	303·9	305·5	2nd	295·7	294·2	sev. dates	299·8	−0·1	*299·2*	53	− 138
722	Port au Prince	18 34	72 22	37·4	1008·8	1013·1	+0·4	305·6	309·7	..	295·5	294·3	..	300·6	−0·4	299·6	456	+ 267
723	St. Croix (Christiansted)	17 45	64 42	6·6	1011·1	1011·8	..	302·9	304·6	..	297·1	295·8	1st, 28th	299·8	0·0	*299·2*	179	− 21
724	Grenada (Richmond Hill)	12 3	61 45	155·8	993·7	1011·6	−0·3	302·5	304·1	17th, 18th	297·6	295·8	..	300·1	+0·2	*300·0*	124	− 48
725	Barbados	13 8	59 36	55·2	..	1012·3	+1·5	302·6	304·1	..	297·6	293·8	..	..	..	..	..	..
731	St. Vincent, C. Verde Is.	16 54	25 4	11	1011·2	1012·4	−0·6	302·5	304·0	8th	296·6	295·5	10, 16, 26	299·5	0·0	..	3	− 67
732	San Tiago, C. Verde Is.	14 54	23 31	34	1009·7	1013·6	..	303·2	304·8	16th	298·5	296·8	9th	300·8	+1·1	..	7	− 92
733	Bathurst	13 24	16 36	1·5	..	1013·0	+0·5	304·0	305·2	6th	295·8	294·1	sev. dates	299·9	+0·3	*300·4*	293	+ 43
734	M'Carthy Island	13 42	14 46	1·1	..	..	..	304·7	308·0	24th	294·2	291·9	17th	299·6	−0·3	..	250	+ 49
735	Ségou	13 34	6 17	272	..	..	..	305·2	308·4	30th	294·2	292·8	27th	299·7	..	..	119	..
736	Timbouctoo	16 43	W 2 52	250	980·0	1007·8	−1·7	314·1	318·6	28th	296·6	293·0	3rd	305·4	−0·4	*304·4*	30	..
737	Sokoto	13 2	E 5 14	354	..	..	..	305·3	307·4	29th	295·8	294·1	18th	300·6	+0·2	..	78	− 17
738	Kontagora	10 24	5 29	400	..	..	..	302·6	305·8	12th	293·6	292·4	2, 9, 22	298·1	−0·2	..	278	− 35
739	Maiduguri	11 48	13 12	361	..	..	..	305·3	309·7	29th	294·3	291·9	20th	299·8	−1·2	..	76	− 45
740	Katagum	12 17	10 22	402	..	..	..	304·9	307·4	23rd, 29th	295·7	294·1	2nd, 10th	300·3	−0·5	..	77	+ 5
742	Kadugli	11 2	29 45	503	..	..	..	304·5	308·5	21st, 29th	292·4	290·5	28th	298·5	..	..	84	..
743	El Obeid	13 11	30 14	585	..	1011·9	−0·4	307·0	310	25th	293·0	290	15th, 18th	300·0	−0·8	*300·1*	69	− 26
744	Khartoum	15 37	32 33	390	..	1009·1	+0·2	311·2	315	26th	297·3	293	17th	304·2	−0·8	*304·3*	22	+ 1
746	Aden	12 45	45 3	28·7	1003·5	1006·6	−1·2	307·2	308·4	21st, 23rd	301·7	299·6	19th	304·5	+0·4	*304·1*	1	− 3
751	Bombay	18 54	72 49	11·3	1006·0	1007·2	−2·3	301·9	303·6	4 days	297·8	296·3	4 days	299·8	−0·1	*299·2*	387	+ 112
752	Mysore	12 18	76 40	768	924·4	1008·5	−1·7	300·7	302·4	13th, 19th	291·8	290·8	18th	296·3	−0·9	*295·3*	75	− 42
752*a*	Kodaikanal	10 13	77 28	2343	768·4	..	−2·4	289·6	291·6	17th	283·9	282·2	6th	286·1	−0·6	286·1	110	− 56
753	Madras	13 4	80 14	6·7	1005·7	1006·4	−2·1	306·1	308·0	8th, 23rd	298·0	294·9	13th	302·1	−0·4	301·4	97	− 34
754	Waltair	17 45	83 16	68·9	995·5	1003·1	−2·9	‡303·6	306·4	8th, 9th	‡298·4	296·8	27th, 30th	‡301·0	..	‡*300·4*	268	+ 86
755	Port Blair	11 40	92 40	17·7	1005·6	1007·5	−1·9	301·3	303·7	1st	297·1	295·5	4th	299·3	−0·9	*298·6*	626	+ 155
756	Rangoon	16 46	95 48	5·5	1006·1	1006·8	−2·4	302·5	305·0	19th	297·7	296·8	9, 14, 30	300·1	0·0	*299·2*	442	+ 45
757	Saigon	10 46	106 42	11·2	..	..	..	..	..	..	..	..	..	..	..	..	381	+ 53
758	Nhatrang	12 16	109 12	6·8	1004·6	1005·3	−1·3	306·3	311·3	5th	297·4	296·2	18th, 24th	301·9	+0·6	..	179	− 8
759	Bolinao	16 24	119 53	7·5	..	1006·1	−0·8	303·9	306·6	16th	296·4	295·5	21st, 25th	300·2	−0·5	299·3	796	+ 273
760	Vigan	17 34	120 23	20	..	1006·4	−0·4	303·9	306·5	25th	296·7	295·3	6th	300·3	−0·3	299·6	672	+ 93
761	Manila	14 35	120 59	14·2	..	1007·2	−0·4	304·0	306·7	8th	296·3	295·4	7th	300·2	−0·8	299·1	499	+ 133
762	Ormoc	11 0	124 36	5·6	..	1007·8	−0·2	304·0	305·5	7th	295·6	293·8	23rd	299·8	+0·1	299·1	264	− 45
765	Guam, Ladrone Is.	13 24	144 38	20·4	..	1008·3	+1·4	303·2	304·4	6th, 11th	297·2	296·0	23rd, 25th	300·2	+0·2	..	319	− 37
		N.	E.															

SEPTEMBER—ZONE 8.

Between Latitude 10° N. and 0°.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure: Mean at Level of Station.	Pressure: Mean at M.S.L.	Pressure: Diff. from Normal.	Temperature: Mean Max.	Temperature: Absolute Max.	Temperature: Date.	Temperature: Mean Min.	Temperature: Absolute Min.	Temperature: Date.	Temperature: *Mean.	Temperature: Diff. from Normal.	Temperature: †24 hr. Mean.	Precipitation: Total.	Precipitation: Diff. from Normal.
		° N. ′	° W. ′	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.
805	Fanning Island	3 55	159 23	4·3	..	..	..	302·2	303·3	5th	297·9	296·9	20th, 21st	300·1	−0·6	*299·3*	12	− 70
819	Culebra	9 10	79 40	52·4	996·6	1010·5	+0·5	303·0	304·7	7th	294·7	293·6	2nd	298·9	+0·3	..	256	− 26
823	El Peru, Guayanavieja	7 30	62 0	? 300	984·1	..	..	304·6	306·1	16th	293·6	291·8	26th	299·1	..	..	105	..
825	Georgetown, Brit. Guiana	6 50	58 12	1·8	1011·7	1011·9	−0·1	303·4	304·6	12th	297·1	295·8	21st	300·3	+0·3	..	168	+ 91
826	Paramaribo	5 49	55 9	4	1012·1	1012·5	−0·6	305·0	306·5	24th	296·4	295·2	29th	300·7	−0·1	*300·2*	72	0
826*a*	Cayenne	4 56	52 21	6	..	..	..	305·1	306·2	20th	296·2	295·2	12, 26, 27	300·7	−0·2	*300·8*	8	− 23
833	Conakry	9 31	13 43	16	1009·9	1011·7	−0·3	302·8	305·0	..	294·5	293·0	..	298·7	0·0	*298·8*	?	..
834	Sierra Leone	8 30	13 9	68·3	1004·3	1012·2	−0·2	303·0	306·4	29th	295·3	292·7	26th	299·2	0·0	..	503	− 243
835	Cape Coast Castle	5 5	1 13	..	..	..	..	301·4	303·6	9th	294·6	293·6	sev. dates	298·0	0·0	..	28	+ 1
836	Accra	5 35	W 0 6	18	..	..	..	..	..	..	..	..	..	..	..	..	9	− 14
837	Lagos	6 27	E 3 24	7·6	..	1011·3	−1·5	302·0	303·1	..	296·0	294·1	..	299·0	+0·4	..	126	− 4
838	Zungeru	9 48	6 10	130	..	1011·8	−1·3	303·2	306·3	12th	294·3	292·4	2nd	298·8	−0·1	..	275	+ 29
838*a*	Libreville	0 23	9 26	35	..	..	..	300·6	302·1	24th	295·4	293·2	20th	298·0	−0·4	..	371	+ 267
839	Yola	9 12	12 30	259	..	..	..	303·5	305·8	26th	295·2	293·6	16th	299·4	+0·4	..	104	− 98
841	Káfia Kingi	9 22	24 18	596	945·3	..	..	303·7	307·0	24th	292·9	291·5	11th, 20th	298·3	..	..	266	..
842	Wau	7 42	28 3	440	..	1010·6	..	304·8	307·5	25th	..	..	..	..	..	..	116	− 14
843	Entebbe	0 5	32 29	1171	883·1	..	−0·8	298·7	300·5	25th, 30th	289·1	287·7	24th	293·9	−0·5	*292·8*	27	− 48
844	Nandi	0 2	35 5	2010	..	..	..	..	..	..	..	..	..	..	..	..	150	+ 1
845	Harrar	9 42	42 30	1856	..	..	..	295·4	298·0	28th	286·7	285·0	4th, 5th	291·1	..	..	121	..
851	Cothin	10 0	76 21	2·7	1010·2	1010·4	−1·0	302·3	303·4	7 days	296·5	295·3	9th, 22nd	299·4	−0·1	*298·8*	167	− 54
852	Colombo Observatory	6 54	79 53	7·3	1008·3	1009·1	−0·4	302·7	303·6	28th	297·7	295·8	22nd	300·2	−0·5	*299·6*	58	− 79
853	Candy	7 18	80 40	504·5	..	..	..	299·2	301·2	13th	293·9	292·7	1st, 26th	296·6	−0·3	*296·0*	165	+ 17
855	Medan	3 35	98 41	23·5	..	1009·0	−1·4	..	..	..	..	..	..	..	..	..	196	− 27
856	Kota Radja	5 32	95 20	7·1	..	1009·5	−1·3	..	..	..	..	..	..	..	..	..	73	− 96
857	Penang	5 34	100 20	4·9	1009·4	1009·9	−0·1	304·2	305·8	11th	297·3	294·1	4th	300·8	+0·7	..	137	−284
858	Singapore	1 17	103 51	2·2	1008·9	1009·1	−0·4	303·9	305·2	22, 28, 30	296·7	295·5	17th, 27th	300·3	+0·4	..	277	+119
860	Sandakan	5 49	118 12	..	..	..	..	304·4	305·8	5th, 6th	296·4	295·8	sev. dates	300·4	0·0	..	203	− 43
861	Tagbilaran	9 38	123 51	26·2	..	1007·0	−1·0	305·0	307·0	4th	297·6	295·0	16th	301·3	..	*300·2*	130	− 45
862	Surigao	9 48	125 29	6	..	1007·8	−0·2	304·6	307·1	3rd	296·4	294·9	16th	300·5	−0·5	300·0	232	+ 60
863	Yap	9 29	138 8	31·9	..	1006·7	0·0	303·6	305·5	2nd	297·1	295·5	25th	300·4	0·0	..	380	+ 57
869	Uyeiang	9 42	161 3	<10	1009·4	..	−0·1	..	..	..	..	..	..	..	..	..	189	− 88
		N.	E.															

* Mean of max. and min. or of observations at fixed hours. † Computed means for the 24 hours are in *italics*.

SEPTEMBER—ZONE 9.

Table representing the Meteorology of the Globe between Latitude 0° and 10° S.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure: Mean at Level of Station.	Pressure: Mean at M.S.L.	Pressure: Diff. from Normal.	Temperature: Mean Max.	Temperature: Absolute Max.	Temperature: Date.	Temperature: Mean Min.	Temperature: Absolute Min.	Temperature: Date.	Temperature: *Mean.	Temperature: Diff. from Normal.	Temperature: †24 hr. Mean.	Precipitation: Total.	Precipitation: Diff. from Normal.
		° S. ′	° W. ′	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.
905	Malden Island	3 59	155 0	8·8	1010·8	1011·8	+1·0	305·0	305·2	4, 17, 30	296·8	296·3	2, 19, 30	300·9	−0·4	*299·9*	1	− 16
906																		
923	Manaos	3 8	59 59	44·9	1002·8	1007·9	..	306·6	309·0	28th	297·5	296·0	8th	302·1	..	..	10	− 32
929	Quixeramobim	5 16	39 18	207·0	989·2	1012·7	+0·4	306·1	307·3	25th	296·9	296·0	2nd	301·5	+0·3	*301·1*	0	..
930	Fernando Noronha	3 51	W32 25	95	..	..	..	..	..	..	..	..	..	..	..	..	..	..
939	Sainte-Croix-des-Eshiras	1 44	E10 21	195	..	..	..	303·7	306·4	23rd	293·2	291·0	2nd	298·5	+0·3	..	32	+ 13
940	Loango	4 38	11 45	? 50	..	..	..	299·5	301·0	19, 27, 30	294·2	293·6	2, 5, 8	296·9	..	*296·2*	8	..
943	Daressalam	6 49	39 18	7·6	1015·2	1016·0	−0·9	300·9	303·0	11th	291·7	290·1	7th	296·3	−0·5	296·2	13	− 19
944	Nairobi	1 18	36 59	1660	..	..	..	296·2	299·1	7th	281·1	276·9	2nd	288·7	−1·5	..	26	+ 1
944*a*	Zanzibar	6 10	39 11	21·9	1015·7	1018·2	+0·1	301·2	302·5	24th	296·5	294·8	2nd	298·9	+0·5	*297·2*	17	− 36
945																		
946	Lamu	2 16	40 54	3·0	..	..	..	..	..	..	..	..	..	..	..	..	4	− 30
947	Seychelles	4 37	55 27	4·6	1012·3	1012·8	−0·3	300·1	300·8	..	297·3	295·3	..	298·7	−0·4	*298·0*	68	− 97
948																		
955																		
956	Padang	0 56	100 22	6·7	..	1008·9	−2·4	..	..	..	..	..	..	..	..	..	580	+168
957	Batavia	6 11	106 50	8	..	1009·5	−1·2	303·7	305·7	5th	296·2	295·1	15th	300·0	0·0	299·4	115	+ 42
958	Pontianak	0 1	109 20	2·6	..	1008·1	−1·6	..	..	..	..	..	..	..	..	..	269	+ 61
959	Passeroean	7 39	112 56	5·0	1009·3	1009·8	−1·4	304·8	306·0	..	295·5	292·0	..	300·2	..	*300·3*	88	+ 79
960	Kajoemas	7 56	114 9	950	..	..	..	..	..	..	..	..	..	..	..	..	0	− 2
961	Koepang	10 10	123 34	3·3	..	1009·7	−1·7	..	..	..	..	..	..	..	..	..	..	..
962	Ambon	3 42	128 10	4·2	..	1009·3	−1·7	..	..	..	..	..	..	..	..	..	439	+205
965	Daru	9 4	143 13	8	..	?1011·7	?−1·0	301·3	..	..	298·2	..	..	299·8	+1·1	..	125	+ 80
966	Port Moresby	9 29	147 9	39	..	1010·4	−1·7	302·8	..	..	297·0	..	..	299·9	+1·0	..	3	− 34
967	Rakuranga	4 13	152 8	? 120	..	..	..	306·6	308·0	..	294·8	294·0	..	300·7	..	..	26	..
968	Rendova	8 24	157 19	..	..	..	..	..	..	..	..	..	..	..	..	..	317	− 24
969	Tulagi, Brit. Solomon Is.	9 5	160 8	53·6	1009·5	1009·7	−0·3	302·3	304·1	25th	297·2	296·3	6, 19, 30	299·8	..	..	193	+ 2
970	Ocean Island	0 52	169 36	48·5	..	1011·9	+3·3	304·9	305·8	26th	298·6	296·1	8th	301·7	+0·8	*301·0*	30	− 77
		S.	E.															

SEPTEMBER—ZONE 10.

Between Latitude 10° S. and 20° S.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure: Mean at Level of Station.	Pressure: Mean at M.S.L.	Pressure: Diff. from Normal.	Temperature: Mean Max.	Temperature: Absolute Max.	Temperature: Date.	Temperature: Mean Min.	Temperature: Absolute Min.	Temperature: Date.	Temperature: *Mean.	Temperature: Diff. from Normal.	Temperature: †24 hr. Mean.	Precipitation: Total.	Precipitation: Diff. from Normal.
		° S. ′	° W. ′	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.
1001																		
1002	Apia, Samoa	13 49	171 45	4	1011·5	1011·9	0·0	301·0	301·7	..	296·4	293·5	..	298·7	+0·5	*298·7*	166	+ 20
1003	Alofi, Niue Island	19 2	169 55	36·6	1012·8	1017·0	−0·4	301·4	304·1	21, 23, 29	292·4	289·1	2nd	296·9	+0·5	..	246	+120
1004																		
1007	Makatea	15 47	148 14	39	1010·5	1015·0	+1·6	301·7	302·7	..	295·5	293·3	..	298·6	..	..	60	..
1008																		
1021	Puerto de Arica	18 28	70 20	5	1017·9	1018·5	..	293·5	295·4	15th	284·8	283·0	sev. dates	289·1	−1·0	*288·3*	..	..
1022	Arequipa	16 22	71 33	2451	761·2	..	+0·1	292·7	294·7	16th	282·3	279·7	13th, 14th	287·5	−0·2	..	0	0
1023																		
1024	Sucre, Bolivia	19 3	67 17	2844	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1025	Araguaya	15 33	52 59	488	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1026	Cuyaba	15 35	56 0	235	990·8	1017·6	−0·4	305·4	309·2	21st	296·9	292·9	30th	299·6	+0·2	..	50	+ 13
1027	Bello Horizonte	19 54	43 30	857	921·8	1017·9	..	299·8	302·6	..	287·7	283·9	..	293·8	..	..	84	..
1028	Cætite	14 2	42 37	900	915·0	1014·4	..	302·9	307·1	17th	289·4	286·8	4th	296·2	..	..	40	..
1029	Ondina	13 0	38 30	45·2	1007·0	1012·2	..	299·4	302·0	28th	294·6	292·0	5th	297·0	..	..	50	..
1030	Aracaju	10 55	37 4	4·3	1014·7	1015·2	..	300·9	302·3	7th, 8th	296·3	294·1	1st	298·6	..	..	22	..
1035	St. Helena	15 57	W 5 40	? 620	948·5	1020·6	−0·3	289·4	292·7	29th	284·8	283·6	30th	287·1	−0·1	*286·8*	63	− 10
1036																		
1041																		
1042	Gwelo	19 26	E30 2	1416	860·8	..	+0·1	299·5	305·2	..	282·4	275·2	..	291·0	−0·8	..	0	− 3
1043	Salisbury, Rhodesia	17 48	31 5	1487	859·6	..	+0·1	299·4	303·6	..	282·8	277·3	..	291·1	−0·7	..	0	− 12
1044	Zomba	15 23	35 18	954	909·7	1016·5	+0·6	299·5	303·6	23rd	287·2	282·4	4th	293·3	−0·3	*291·3*	7	− 3
1045	Tamatave	18 9	49 26	4	1020·7	1021·1	+1·1	..	..	..	290·7	288₄₂	..	295·2	..	..	65	−103
1046	Tananarivo	18 55	47 32	1400	868·2	..	+0·5	297·1	299·3	3, 18, 22	282·7	279·4	8th	289·9	−1·2	288·9	0	− 18
1055	Cocos Keeling Is.	12 5	96 54	4·6	..	1012·2	−0·6	301·4	303·3	13th	297·3	295·2	3rd	299·3	0·0	..	97	− 18
1056																		
1057	Christmas Is.	10 25	105 43	5·5	1008·3	1008·9	−1·7	303·2	304·8	..	296·4	294·7	..	299·8	+0·1	..	68	− 26
1058																		
1061	Derby	17 18	123 40	16·2	..	1011·9	−0·8	307·6	311·9	22nd	295·5	290·2	25th	301·6	+2·2	..	0	0
1062	Hall's Creek	18 13	127 46	373·6	..	1012·1	−1·2	307·5	310·8	30th	289·5	281·3	15th	298·5	+1·1	..	0	4
1063	Port Darwin	12 28	130 51	29·6	..	1010·6	−0·7	306·6	309·1	28th	297·2	295·7	9th	301·9	+0·7	*300·8*	12	0
1064	Daly Waters	16 16	133 23	210·6	..	1010·9	..	308·8	311·3	29th, 30th	292·2	285·8	15th	300·5	+0·9	*300·0*	0	− 7
1065	Mein	13 13	142 57	121·9	..	1010·4	..	304·6	308·6	30th	294·7	290·8	7th	299·7	..	..	11	+ 10
1066	Georgetown, Queensland	18 23	143 33	301·8	..	1012·5	..	305·8	308·7	11th	290·6	286·6	10th	298·2	..	..	29	+ 18
1067	Samarai	10 37	150 40	6·4	..	1012·1	+0·3	300·7	..	..	296·5	..	..	298·6	0·0	..	861	+561
1068																		
1070	La Kolle	17 40	168 20	30	..	..	..	301·3	305·2	20th	290·8	286·8	3rd	296·1	..	..	60	..
1072	Suva, Fiji	18 8	178 26	13·4	..	1016·4	+0·8	299·1	303·0	20th	293·6	290·8	11th	296·3	−0·3	..	328	+158
		S.	E.															

* Mean of max. and min. or of observations at fixed hours.

† Computed means for the 24 hours are in *italics*.

SEPTEMBER—ZONE 11.

Table representing the Meteorology of the Globe between Latitude 20° S. and 30° S.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure: Mean at Level of Station.	Pressure: Mean at M.S.L.	Pressure: Diff. from Normal.	Temperature: Mean Max.	Temperature: Absolute Max.	Temperature: Date.	Temperature: Mean Min.	Temperature: Absolute Min.	Temperature: Date.	Temperature: *Mean.	Temperature: Diff. from Normal.	Temperature: †24 hr. Mean.	Precipitation: Total.	Precipitation: Diff. from Normal.
		° S. ′	° W. ′	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.
1105	Rarotonga (Avarua)	21 12	159 47	..	..	..	..	298·9	301·3	29th	293·9	289·1	14th	296·4	..	..	229	+118
1106																		
1115	Mataveri, Easter Island	27 10	109 26	30	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1116																		
1121	Punta Tortuga, Coquimbo	29 56	71 21	27	1013·8	1017·1	−0·3	289·2	291·4	9th	..	..	..	285·6	..	..	2	− 1
1122	Puerto de Antofagasta	23 38	70 25	4	1015·3	1015·8	+0·8	298·3	298·9	29th	283·6	282·7	2nd	290·9	+0·7	*290·1*	0	0
1125	Goya	29 9	59 15	64	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1126	Porto Alegre	30 1	51 13	24·5	1013·4	1016·3	..	293·2	298·5	26th	284·1	276·3	16th	288·7	..	*290·4*	90	+ 27
1127	Curityba	25 25	49 15	908	913·6	1016·8	−1·9	292·6	300·1	3rd	283·0	276·6	18th	287·8	−0·3	*287·3*	179	+ 57
1128	Rio de Janeiro	22 54	W43 10	61	1006·9	1014·1	−3·3	..	304·7	..	..	287·9	..	..	+0·1	294·0	124	+ 58
1139	Windhuk	22 34	E17 6	1665·3	834·6	..	..	..	..	..	..	..	..	..	+1·4	293·4	..	..
1140																		
1141	Johannesburg	26 11	28 4	1806	..	..	..	293·5	300·8	27th	281·2	274·7	4th	287·4	−0·7	*287·3*	69	+ 45
1142	Kimberley	28 42	28 47	1202	884·2	..	−0·5	298·6	..	..	280·6	..	..	289·6	0·0	289·2	68	+ 48
1142*a*	Pretoria	25 45	28 11	1339	..	..	..	298·7	306·8	27th	280·7	271·8	1st	289·7	−0·9	..	28	+ 17
1143	Durban	29 51	31 0	80	1015·0	1024·6	+3·6	295·9	304·9	3rd	287·3	282·1	1st	291·6	−1·2	..	98	+ 15
1144	Lorenzo Marques	25 58	32 36	59	..	1020·9	+2·2	298·7	309·7	27th	287·8	283·5	5th	293·3	−1·3	292·6	39	+ 10
1147	Mauritius	20 6	57 33	54·3	1013·0	1019·5	−0·7	298·4	299·3	19th, 23rd	290·0	285·9	2nd	294·2	−0·2	293·7	29	− 8
1148																		
1159	Onslow	21 43	114 57	4·3	..	1013·0	−1·8	303·3	311·1	22nd	288·1	281·3	12th	295·7	+1·7	..	0	− 2
1160	Peak Hill	25 38	118 47	588·3	..	1012·9	−2·2	300·0	307·4	22nd	286·3	277·9	10th	293·2	+2·1	..	0	− 6
1161	Nullagine	21 53	120 5	385·6	..	1012·9	−1·4	306·4	311·0	23rd, 26th	289·2	280·9	1st, 2nd	297·8	+3·4	..	0	0
1162	Laverton	28 40	122 23	466·3	..	1016·0	−0·3	298·2	308·0	23rd	283·8	275·8	16th	291·0	+1·9	..	6	− 8
1163	Alice Springs	23 38	133 37	587·0	..	1015·8	+0·7	300·2	306·3	9th, 30th	284·7	276·1	14th	292·4	+0·7	*292·6*	5	− 6
1164	William Creek	28 55	136 21	76·2	..	1018·7	..	297·7	306·9	25th	283·2	276·3	1st	290·5	..	*290·5*	18	+ 7
1165	Boulia	22 55	139 38	145·7	..	1013·3	..	304·2	310·3	10th	287·9	282·2	16th	296·1	..	..	6	− 4
1166	Mitchell	26 32	147 52	337·1	..	1016·4	..	299·4	306·3	10th	283·3	276·9	19th, 20th	291·4	..	..	14	− 22
1167	Rockhampton	23 24	150 30	11·3	..	1017·4	..	300·4	307·4	11th	289·9	286·7	6th	295·2	..	..	41	+ 3
1168	Brisbane	27 28	153 2	41·7	..	1019·4	+2·7	298·0	302·1	18th	287·6	283·8	4th	292·8	+1·4	..	69	+ 18
1169	Noumea	22 16	166 27	9	1015·4	1016·5	..	300·1	303·8	19th	289·5	288·2	1st	294·8	+0·8	..	0	− 60
1170	Norfolk Island	29 4	167 58	..	..	..	..	..	..	..	..	..	..	..	..	..	28	− 69
		S.	E.															

SEPTEMBER—ZONE 12.

Between Latitude 30° S. and 40° S.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure: Mean at Level of Station.	Pressure: Mean at M.S.L.	Pressure: Diff. from Normal.	Temperature: Mean Max.	Temperature: Absolute Max.	Temperature: Date.	Temperature: Mean Min.	Temperature: Absolute Min.	Temperature: Date.	Temperature: *Mean.	Temperature: Diff. from Normal.	Temperature: †24 hr. Mean.	Precipitation: Total.	Precipitation: Diff. from Normal.
		° S. ′	° W. ′	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.
1219																		
1220	Juan Fernandez	33 37	78 50	10	1017·6	1018·8	..	287·6	291·0	4th	..	..	..	284·9	..	..	17	− 57
1221	Punta Angeles, Valparaiso	33 1	71 38	41	1013·7	1018·7	+0·8	288·9	297·2	16th	281·7	278·4	13th	285·3	−2·4	*284·1*	7	− 20
1222	Santiago	33 27	70 42	520	956·1	1017·6	+0·1	..	299·8	17th	..	272·3	2nd, 3rd	283·2	−1·3	*283·0*	1	− 29
1223	Cordoba	31 25	64 12	439	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1224	Buenos Ayres	34 16	64 11	25·2	1015·0	1018·0	−0·6	290·5	296·6	5th	280·4	274·3	17th	285·5	−1·0	285·4	102	+ 26
1225	Rio Grande	32 2	52 6	2·3	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1226	Montevideo	34 52	W56 12	29·3	1014·9	1018·4	+1·3	289·4	296·1	25th	279·4	272·0	sev. dates	284·4	−1·1	284·5	4	− 79
1239	Cape Town	33 56	E18 29	12	1019·5	1020·9	+2·1	292·1	299·1	..	283·6	276·1	..	287·9	+0·5	*286·6*	35	− 22
1240	Danger Point	34 37	19 18	20	..	..	..	290·3	295·2	21st	283·3	277·4	3rd	286·8	..	..	18	..
1241	Heidelberg	34 5	20 58	1541	..	..	..	294·2	308·6	14th	279·4	271·3	7th	286·8	−1·6	..	19	− 26
1242	East London	33 2	27 55	10·1	1019·0	1020·2	+0·6	293·0	300·8	15th	285·3	278·6	1st	289·2	−0·4	..	57	+ 10
1259	Perth (Observatory)	31 57	115 51	60·0	..	1017·8	−0·2	292·6	302·4	21st	283·9	279·1	9th	288·3	+0·8	..	90	− 6
1260	Katanning	33 42	117 35	309·7	..	1016·7	−0·3	290·8	300·6	21st	280·1	274·8	11th	285·4	+0·6	..	30	− 22
1261	Coolgardie	30 57	121 10	423·3	..	1017·0	0·0	295·1	306·2	23rd	281·2	274·8	15th	288·2	+0·6	..	7	− 10
1262	Eucla	31 45	128 58	4·6	..	1017·6	+0·9	294·6	307·9	23rd	282·3	276·2	18th	288·5	+0·3	..	19	− 1
1263	Streaky Bay	32 48	134 13	13·1	..	1019·3	+2·2	292·4	303·2	24th	282·4	277·4	28th	287·4	+0·4	..	56	+ 22
1264	Adelaide	34 56	138 35	42·7	..	1019·8	+2·5	291·6	300·4	24th	282·8	278·4	27th	287·2	+0·3	*287·0*	71	+ 27
1265	Melbourne	37 49	144 57	35·1	..	1018·6	+2·8	290·2	296·9	24th	281·3	275·6	14th	285·8	+0·6	*285·6*	107	+ 48
1266	Bourke	30 13	145 58	110·1	..	1019·0	+2·1	300·1	305·8	23rd, 26th	283·6	279·3	28th	291·9	+1·8	..	5	− 20
1267	Sydney	33 51	151 13	44·5	..	1020·1	+3·7	292·6	296·8	19th	285·1	280·5	3rd	288·8	+0·9	..	60	− 13
1268	Lord Howe Island	31 32	159 4	..	..	..	..	..	..	..	..	..	..	..	..	..	185	+ 48
1271	Auckland	36 50	174 50	38·1	..	1022·0	..	288·8	290·2	22nd	282·2	279·7	28th	285·5	−0·2	..	63	− 29
1272																		
		S.	E.															

SEPTEMBER—ZONE 13.

Between Latitude 40° S. and 50° S.

No.	Name of Station.	Latitude.	Longitude.	Height.	Temperature: Mean Max.	Temperature: Absolute Max.	Temperature: Date.	Temperature: Mean Min.	Temperature: Absolute Min.	Temperature: Date.	Temperature: *Mean.	Temperature: Diff. from Normal.	Temperature: †24 hr. Mean.	Precipitation: Total.	Precipitation: Diff. from Normal.
		° S. ′	° W. ′	metres.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.
1301	Chatham Island	43 52	176 42	46	..	..	..	285·1	288·0	19th	278·7	273·6	5th	281·9	0·0	..	42	− 25
1302																		
1321	Punta Corona	41 47	73 52	48	..	..	..	284·1	288·2	17th	278·9	277·0	12th	281·5	−0·4	*281·4*	42	−143
1322	Punta Galera	40 1	73 44	40	1016·2	1021·1	+3·4	284·6	286·4	30th	279·4	275·8	13th	282·0	−0·7	*281·4*	39	−138
1323	Bahia Blanca	38 45	W62 12	20	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1324																		
1365	Hobart	42 53	E147 22	53·9	..	1012·8	+1·4	288·2	296·1	25th	280·4	276·9	13th	284·3	+1·0	*283·4*	102	+ 50
1366	Launceston	41 27	147 10	9·4	..	1014·6	..	288·8	292·0	25th	279·5	274·1	13th	284·2	..	..	136	+ 63
1369																		
1370	Dunedin	45 52	170 31	91	..	1013·1	+1·8	286·8	294·7	12th	277·5	273·0	4th	282·2	+0·4	..	51	− 22
1371	Christchurch	43 32	172 38	7·6	..	1017·2	+4·6	288·7	295·1	12th	276·7	271·4	4th	282·7	+0·3	..	7	− 39
1372	Wellington	41 16	174 46	33·5	..	1020·6	+7·8	287·4	289·7	8th	280·9	275·8	25th	284·2	+0·4	..	15	− 84
		S.	E.															

* Mean of max. and min. or of observations at fixed hours.

† Computed means for the 24 hours are in *italics*.

SEPTEMBER—ZONE 14. Table representing the Meteorology of the Globe between Latitude 50° S. and 60° S.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure: Mean at Level of Station.	Pressure: Mean at M.S.L.	Pressure: Diff. from Normal.	Temperature: Mean Max.	Temperature: Absolute Max.	Temperature: Date.	Temperature: Mean Min.	Temperature: Absolute Min.	Temperature: Date.	Temperature: *Mean.	Temperature: Diff. from Normal.	Temperature: †24 hr. Mean.	Precipitation: Total.	Precipitation: Diff. from Normal.
		° ′ S.	° ′ W.	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.
1421	Islota de los Evangelistas	52 24	75 6	55	998·3	1005·1	+1·8	279·2	280·4	21st	275·7	273·0	17th	277·5	−0·8	*276·7*	344	+118
1422	Puerto de Punta Arenas	53 10	70 54	4	999·9	1000·4	−0·2	281·2	285·0	20th	276·0	274·0	sev. dates	278·6	+0·9	*278·4*	122	+ 90
1423	Punta Dungeness	52 24	68 26	5	1002·3	1002·9	−0·5	..	..	..	275·3	273·2	4th	278·4	..	..	8	− 2
1425	Cape Pembroke	51 41	57 42	15	1000·6	1002·4	−2·6	280·7	284·1	22nd	274·2	271·3	3rd	277·4	+0·5	277·4	..	..
1426	Stanley, Falkland Is.	51 41	57 51	4	..	..	..	..	..	..	..	..	..	..	..	..	3	− 25
1429	S. Georgia (Cumberland Bay)	54 14 S.	36 34 W.	3	1000·0	1000·4	−0·6	276·6	282·8	24th	270·1	265·0	1st	273·4	−0·3	*273·0*	165	+ 79

SEPTEMBER—ZONE 15. Between Latitude 60° S. and 70° S.

1527 1528	South Orkneys	60 44 S.	44 39 W.	6·9 metres.	989·6 mb.	990·5 mb.	−2·3 mb.	270·5 a.	276·8 a.	23rd	263·5 a.	251·2 a.	20th	267·0 a.	+0·4 a.	267·2 a.	33 mm.	+ 6 mm.

* Mean of max. and min. or of observations at fixed hours. † Computed means for the 24 hours are in *italics*.

DAILY OBSERVATIONS OF WIND WITHIN THE TROPICS.—SEPTEMBER 1910

Date.	St. Helena.* 1035. Direction.	St. Helena.* 1035. Mean Velocity for the Day.	Fanning Island. 805. Direction and Force.		Sierra Leone. 834. Direction and Force.		Malden Island. 905. Direction and Force.		Tulagi. 969. Direction and Force.	Ocean Island. 970. Direction and Force.		Suva, Fiji. 1072. Direction.	Suva, Fiji. 1072. Mean Velocity for the Day.
			9 a.m.	9 p.m.	9 a.m.	5 p.m.	9 a.m.	8 p.m.	9 a.m.	9 a.m.	9 p.m.	9 a.m.	
		m/s.											m/s.
1	SE by S	11·9	SE 4	SE 4	E 2	W 3	E 4	E 2	SE 6	E 3	E 3	..	7·9
2	SE	9·9	SE 4	SE 6	Calm 0	W 4	E 4	E 3	SE 2	E 2	E 2	..	7·4
3	SE by E	8·2	E 4	SE 6	E 2	W 3	E 4	E 2	SE 3	SE 3	E 2	..	5·1
4	SE by S	10·7	E 4	E 4	W 2	W 4	E 4	SE 3	SE 1	E 3	E 5	..	2·0
5	SE by S	14·2	E 2	SE 4	NE 3	W 4	SE 4	E 2	SE 4	E 3	E 4	..	1·2
6	SE	12·7	E 4	E 4	W 4	W 3	SE 4	E 2	Calm 0	E 3	E 3	..	1·3
7	SE	10·7	SE 4	SE 4	W 4	.. 5	SE 4	E 2	SE 1	E 2	E 3	..	1·3
8	SE	11·6	SE 4	E 4	E 2	SE 2	E 4	E 1	SE 1	E 2	E 3	..	3·2
9	SE	12·4	SE 4	SE 4	E 3	W 4	SE 4	E 1	SE 1	E 2	E 2	..	5·6
10	SE by S	9·7	SE 5	SE 4	W 4	W 4	SE 4	SE 1	SE 1	E 2	E 2	..	6·3
11	SE	7·7	SE 4	SE 4	NE 2	W 3	SE 4	E 2	SE 2	E 3	E 2	..	2·2
12	SE	3·7	SE 4	SE 4	Calm 0	W 3	E 4	E 1	SE 3	SE 2	E 2	..	1·3
13	SE by S	1·6	SE 4	SE 4	E 2	W 4	E 4	Calm 0	SE 2	E 3	E 3	..	2·2
14	SSE	1·7	SE 4	SE 4	W 2	W 4	E 4	E 2	SE 2	E 2	E 2	..	2·0
15	SE by S	6·0	SE 4	SE 4	E 3	W 4	SE 4	E 3	Calm 0	E 2	E 4	..	2·9
16	SE	9·0	SE 4	SE 4	N 2	W 4	SE 5	E 2	SE 3	E 3	E 3	..	4·2
17	SE	7·2	SE 4	E 4	W 3	W 4	SE 4	E 2	SE 4	E 4	E 2	..	4·0
18	SE	9·0	SE 2	SE 2	W 2	W 4	SE 4	E 2	SE 7	E 3	E 3	..	5·0
19	SE	7·0	SE 4	SE 2	E 2	W 4	SE 4	E 1	SE 3	E 3	E 2	..	5·1
20	SE by S	6·6	SE 4	SE 2	W 2	W 4	SE 4	E 2	ESE 5	E 2	E 2	..	4·6
21	SE by S	5·7	SE 4	SE 4	W 4	W 3	E 4	E 2	ESE 5	E 2	E 2	..	3·7
22	SE by S	3·4	SE 4	SE 4	NE 3	W 4	E 4	E 1	SE 6	E 2	E 3	..	5·1
23	SSE	6·7	SE 4	SE 4	N 2	Calm 0	E 4	E 2	SE 2	E 2	E 4	..	3·7
24	SSE	9·1	E 4	SE 4	Calm 0	W 4	E 4	E 2	SE 2	E 3	E 2	..	3·3
25	SE	9·7	SE 4	SE 4	Calm 0	W 4	E 4	E 2	SE 3	SE 4	E 3	..	3·7
26	SE by S	12·1	SE 4	SE 4	N 2	W 4	E 4	E 3	Calm 0	E 2	E 3	..	3·7
27	SE	13·6	SE 4	SE 4	W 4	W 4	E 4	E 2	Calm 0	E 3	E 4	..	5·4
28	SE	11·5	SE 4	SE 2	Calm 0	W 3	E 5	E 3	ESE 2	E 3	E 4	..	3·5
29	SE	12·6	SE 4	SE 4	E 2	W 4	E 4	E 2	ESE 2	E 5	E 5	..	3·5
30	SE by S	12·1	SE 4	SE 2	N 2	W 4	E 4	E 2	SE 2	E 5	E 2	..	5·1
Mean for Month	..	8·9	3·9		3·8		4·1	1·9	2·6	2·8	2·9	..	4·0
Deviation from Normal	..	−0·1	..		..		−0·2		..	+0·6		..	..

* Direction and velocity of the South-East Trade Wind at 620 metres.

STATE OF ICE IN THE ARCTIC SEAS AND IN THE NORTH ATLANTIC.—SEPTEMBER 1910.

**Spitsbergen.*—"On the 6th the ice entered the Icefjord and became dense, also in Bell Sound. On the N.W. side the water was ice-free.

**Iceland and Denmark Strait.*—"Iceland was ice-free. Off Angmagsalik a belt of pack ice lay about 10 miles out, which scattered towards the end of the month."

North Atlantic and Labrador.—"There were no icebergs on the Newfoundland Banks, but several in 52½° N., 50–53° W. (normal limits of ice 47° N., 48½° W.)."

**Davis Strait and Baffin Bay.*—"There was a little ice, very scattered; the coast of Labrador and Hudson Bay were ice-free."

**Bering Sea and Strait* were ice-free. In *Beaufort Sea* conditions were normal, the edge being about 15 miles from the coast except between 162° and 170° W. where it lay on 73° N. Young ice commenced to form by the middle of the month.

* *Isforholdene i de arktiske Have, 1910,* issued by the Danish Meteorological Institute.

RÉSEAU MONDIAL, OCTOBER 1910.

TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE FOR THE MONTH OF OCTOBER 1910 BY MEANS OF STATIONS SELECTED AT THE RATE OF TWO FOR EACH TEN-DEGREE SQUARE.

OCTOBER—ZONE 1. Between Latitude 80° N. and 70° N.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure: Mean at Level of Station.	Pressure: Mean at M.S.L.	Pressure: Diff. from Normal.	Temperature: Mean Max.	Temperature: Absolute Max.	Temperature: Date.	Temperature: Mean Min.	Temperature: Absolute Min.	Temperature: Date.	Temperature: *Mean.	Temperature: Diff. from Normal.	Temperature: †24 hr. Mean.	Precipitation: Total.	Precipitation: Diff. from Normal.
		° ′ N.	° ′ W.	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.
123	North Star Bay	76 30	68 55	6·5	1008·7	1009·5	..	..	..	..	..	..	..	..	..	*261·9*	1	..
124																		
125	Upernivik	72 47	W56 7	18·9	1004·7	1007·1	−2·1	270·5	276·7	29th	265·2	260·7	28th	267·9	−1·3	*268·6*	10	− 16
126																		
139	Spitsbergen	78 2	E 14 14	11·4	..	..	..	..	..	..	..	..	..	..	..	..	..	..
140																		
141	Gjesvaer	71 6	25 22	6·5	1007·4	1008·2	+1·5	..	281·0	15th	..	263·5	31st	..	−0·8	*274·2*	71	− 7
142	Mehavn	71 1	27 47	6·4	1007·0	1007·8	..	..	280·5	15th	..	265·8	20th	..	..	*273·5*	142	+ 30
143	Vardö	70 22	31 8	10·0	1006·6	1007·9	+0·7	..	279·4	5th	..	266·0	30th	..	−1·2	*273·3*	85	+ 19
144																		
147																		
148		N.	E.															

OCTOBER—ZONE 2. Between Latitude 70° N. and 60° N.

203	Nome	64 30	165 24	6·7	..	1001·0	..	273·9	278·0	9th, 17th	268·1	261·3	25th	271·0	..	..	27	..
204		64 4	139 20	321	966·1	1006·0	−3·6	272·8	282·4	13th	265·6	253·6	8th	269·2	..	..	18	− 6
205	Tanana	65 12	152 0	? 73·8	..	?1003·7	..	270·6	279·1	1st	262·0	250·8	28th	266·3	..	..	10	..
206																		
207	Valdez	61 6	146 13	8·2	..	1000·3	..	280·8	289·7	2nd	272·7	261·9	29th	276·8	..	..	222	..
208	Eagle	64 46	141 12	248	..	1002·4	..	274·5	281·9	19th	265·1	254·1	8th	269·8	..	..	18	− 6
209	Dawson	64 4	139 20	321	966·1	1006·0	−3·6	272·8	282·4	13th	265·6	253·6	8th	269·2	−1·1	..	42	+ 10
210	Carcross	60 11	134 34	662	..	..	..	279·1	283·0	1st, 14th	271·3	261·3	30th	275·2	..	..	11	..
211																		
212	Fort Simpson	61 52	121 35	129	993·2	1009·6	..	275·8	284·7	19th	269·0	256·3	30th	272·4	+3·4	*272·6*	32	− 1
213	Hay River	60 51	115 20	161	988·6	1008·6	..	277·7	285·8	7th	270·2	262·4	31st	273·9	+1·1	..	39	..
225	Jacobshavn	69 13	51 2	12·6	1002·8	1004·4	−4·0	272·5	281·2	29th	266·3	258·9	25th	269·4	−0·2	*269·5*	43	+ 21
226	Godthaab	64 11	51 44	9	1000·2	1001·4	−4·8	274·9	279·2	20th, 29th	270·1	265·8	2nd	272·5	+0·6	*272·1*	65	+ 2
229	Angmagsalik	65 37	37 34	31·7	..	..	..	..	..	..	..	..	..	..	..	..	..	..
230																		
231	Stykkisholm	66 5	22 46	11·3	1006·2	1007·7	+1·4	281·3	284·5	2nd	276·1	269·5	12th	278·7	+2·3	*279·0*	131	+ 61
232	Vestmanno	63 26	20 15	7·7	1009·0	1009·9	+3·7	281·9	284·6	4th, 5th	277·4	270·7	12th	279·7	+1·9	*279·9*	176	+ 41
233	Grimsey (Akureyri)	66 33	17 58	6·8	1009·0	1009·8	+2·2	279·9	283·6	15th	274·5	267·3	31st	277·2	+2·1	*277·7*	3	− 50
234	Berufjord	64 40	14 19	18·0	1008·7	1010·9	+4·4	281·0	287·2	5th	275·4	267·8	12th	278·2	+2·2	*278·3*	92	− 22
235	Thorshavn	62 3	W 6 45	25·7	1013·2	1016·3	+8·9	283·4	286·1	2nd	278·6	272·6	30th	281·0	+1·7	..	76	−100
236																		
237	Bergen (Met. Obs.)	60 24	E 5 19	44·4	1014·2	1019·7	+8·6	..	290·9	3rd	278·3	272·3	29th	..	+0·2	*280·7*	132	−108
238	Christiansund	63 7	7 45	17·8	1015·8	1017·9	+9·4	..	289·8	3rd	278·4	275·1	28th	..	+1·0	*281·0*	183	+ 35
239	Trondhjem	63 26	10 25	39·5	1013·8	1018·7	+9·6	..	288·3	5th	275·5	270·0	24th	..	+0·1	*278·2*	153	+ 42
240	Bodö	67 17	14 24	20·5	1012·4	1014·9	+7·0	..	283·4	3rd	275·1	268·8	31st	..	+0·1	*277·2*	132	+ 24
241	Haparanda	65 50	24 9	9·2	1013·2	1014·4	+4·4	277·4	285·0	16th	269·3	256·4	31st	273·4	−1·0	*273·3*	25	− 31
242	Helsingfors	60 10	24 57	11·7	..	1018·6	+6·2	280·5	285·1	8th	274·8	266·3	31st	277·6	−0·6	*277·9*	33	− 33
242a	Kuopio	62 54	27 40	99·7	..	1017·4	+5·5	279·4	284·5	16th	272·4	259·5	31st	275·9	−1·4	*274·9*	41	..
243	Kola	68 53	33 1	6·7	..	1010·6	+2·8	..	278·6	6th	..	255·3	31st	..	−0·9	*271·5*	29	+ 9
244	Petrozavodsk	61 47	34 23	38·9	..	1014·7	+1·8	..	284	..	..	266	..	..	−1·3	*274·9*	..	..
245	Arkhangelsk	64 33	40 32	6·7	..	1009·8	−1·0	..	281	..	..	262	..	..	−1·9	*272·5*	77	+ 38
246	Velsk	61 5	42 7	? 83	..	..	..	..	..	..	..	..	..	..	..	..	..	..
247	Oust-Tsylma	65 27	52 10	? 25	..	1006·7	−6·6	..	279	..	..	247	..	..	−2·9	*268·3*	..	..
248	Troitsko-Petcherskoe	62 42	56 13	? 123	..	..	..	..	..	..	..	..	..	..	..	..	..	..
249	Berezov	63 56	65 4	39·9	..	..	..	..	..	..	..	..	..	..	..	..	..	..
250	Obdorsk	66 31	66 35	23·7	..	..	..	..	..	..	..	..	..	..	..	..	..	..
251	Sourgout	61 15	73 24	? 40	..	..	..	..	..	..	..	..	..	..	..	..	..	..
252																		
253	Touroukhansk	65 55	87 38	? 40	..	..	..	..	..	..	..	..	..	..	..	..	..	..
254	Doudinka	69 7	87 0	? 20	..	..	..	..	..	..	..	..	..	..	..	..	..	..
261	Olekminsk	60 22	120 26	? 135	..	..	..	..	..	..	..	..	..	..	..	..	..	..
262	Iakoutsk	62 1	129 43	? 108	..	..	..	..	..	..	..	..	..	..	..	..	..	..
263	Verkhoïansk	67 33	133 24	? 100	..	..	..	..	..	..	..	..	..	..	..	..	..	..
264	Oust-Maïskoe	60 25	134 29	? 100	..	..	..	..	..	..	..	..	..	..	..	..	..	..
271	Markovo sur Anadyr	64 45	177 50	? 20	..	..	..	..	..	..	..	..	..	..	..	..	..	..
272	Novo-Mariinskii Post	64 45	177 33	5·2	..	..	..	..	..	..	..	..	..	..	..	..	..	..
		N. ° ,	E. ° ,	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.

* Mean of max. and min. or of observations at fixed hours. † Computed means for the 24 hours are in *italics*.

OCTOBER—ZONE 3.

Table representing the Meteorology of the Globe between Latitude 60° N. and 50° N.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure: Mean at Level of Station.	Pressure: Mean at M.S.L.	Pressure: Diff. from Normal.	Temperature: Mean Max.	Temperature: Absolute Max.	Temperature: Date.	Temperature: Mean Min.	Temperature: Absolute Min.	Temperature: Date.	Temperature: *Mean.	Temperature: Diff. from Normal.	Temperature: †24 hr. Mean.	Precipitation: Total.	Precipitation: Diff. from Normal.
301																		
302		° N. ′	° W. ′	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.
303	Dutch Harbour	53 54	166 32	4·0	..	..	..	280·2	284·1	8th	273·8	270·8	23rd	277·0	..	..	282	..
304																		
305																		
306																		
307																		
308																		
309	Sitka	57 4	135 20	27	..	1005·7	−1·0	283·1	287·4	16th	276·9	270·8	27th	280·0	−0·6	..	251	− 53
310	Prince Rupert	54 18	130 18	52	..	1009·8	..	284·3	288·8	17th	278·1	272·4	26th, 31st	281·2	..	..	461	..
311	Barkerville	53 2	121 35	1274	..	1014·2	..	277·6	285·2	15th	271·1	261·9	26th	274·3	−1·3	*274·2*	109	+ 30
312	Kamloops	50 41	120 29	380	..	1014·5	−2·1	287·0	295·0	6th	277·2	268·8	27th	282·1	−0·1	*281·9*	17	+ 3
313	Calgary	51 2	114 2	1033	..	1012·3	−2·2	285·3	297·4	8th	273·5	261·9	27th	279·4	+0·8	*279·3*	12	0
314	Fort Chipewyan	58 42	111 10	218	982·9	1009·6	..	279·6	286·3	12th	271·1	259·1	26th	275·4	..	*275·7*	14	..
315	Prince Albert	51 10	106 0	437	..	1011·2	−2·0	283·6	297·4	9th	271·4	263·0	31st	277·5	+0·7	*277·1*	4	− 18
316	Qu'Appelle	50 30	103 47	645	..	1012·5	−2·0	286·3	303·0	9th	273·1	261·9	28th	279·7	+1·7	*279·0*	3	− 22
317	Minnedosa	50 15	99 50	515	..	1013·2	..	286·9	300·5	9th	273·0	260·3	28th	279·9	+2·1	*279·0*	5	− 22
318	Berens River	52 18	97 23	216	..	..	..	284·9	292·4	16th	272·2	266·3	29th	278·6	..	*277·8*	8	..
318*a*	York Factory	57 0	92 28	11	1008·6	1010·0	−3·7	..	281·9	14th	270·8	262·4	31st	..	..	*273·2*	..	..
319	Fort Hope	51 32	87 48	? 270	979·5	1012·7	..	279·8	290·8	11th	271·5	261·9	29th	275·7	+0·2	..	28	+ 2
320	Moose Factory	51 16	80 56	9	1010·9	1012·0	..	281·8	293·0	6th	273·2	266·9	27th	277·5	−0·2	..	46	− 4
321																		
322																		
323	Hebron	58 12	62 21	15·0	1003·2	1005·1	−3·0	274·0	285·0	..	270·5	266·9	..	272·3	−0·6	..	..	..
324	Nain	56 33	61 41	4·2	1006·0	1006·5	−3·0	274·5	282·6	..	270·0	262·6	..	272·3	−1·1	..	..	..
325																		
326	Point Riche	50 42	57 25	10·7	..	..	..	..	286·9	6th	..	273·0	13th, 25th	278·2	−0·2	..	154	+ 65
327																		
328																		
329																		
330																		
331																		
332																		
333																		
334	Valencia	51 56	10 15	13·7	1014·5	1016·1	+3·3	287·1	289·7	7th	282·6	276·3	31st	284·9	+1·2	285·1	88	− 51
335	Aberdeen	57 10	2 6	27·4	1015·4	1018·7	+8·5	285·3	292·4	5th	280·2	275·2	9th	282·8	+1·5	282·9	43	− 32
336	Greenwich	51 28	W 0 0	48	1010·9	1016·7	+3·6	288·4	295·8	2nd	281·7	277·4	23rd	285·1	+1·9	284·9	46	− 25
337	Uccle	50 48	E 4 22	100	1005·2	1017·4	+2·9	288·3	295·2	2nd	280·8	275·4	24th	284·6	+1·1	284·3	55	− 23
338	De Bilt	52 6	5 11	3·0	1017·8	1018·2	+4·1	288·3	293·6	3rd	279·6	275·1	25th	284·0	+1	283·3	20	− 53
338*a*	Hamburg	53 33	9 59	26·0	1016·7	1019·9	+6·4	286·2	292·7	2nd	280·1	272·5	26th	283·2	?+0·6	?282·9	27	− 49
339	Copenhagen	55 41	12 36	5·0	1020·8	1021·4	+8·6	285·0	290·0	4th	280·6	276·4	31st	282·8	+1·7	*282·8*	11	− 48
340	Potsdam	52 23	13 4	84·9	1010·7	1021·2	+6·2	286·9	294·6	3rd	277·7	273·0	27th	282·3	−0·3	281·6	10	− 29
340*a*	Upsala	59 51	17 38	24·0	1017·5	1020·4	+8·5	282·3	289·1	16th	274·5	266·2	31st	278·4	+0·2	278·4	35	− 18
341	Warsaw	52 15	21 1	127	1007·1	1022·9	+6·9	284·1	292·3	13th	277·8	270·0	28th	281·0	−1·1	*280·7*	14	− 30
342	Jurjev	58 23	26 43	74·5	1011·3	1020·6	+6·5	281·0	286·6	1st, 13th	274·0	266·6	31st	277·5	−1·5	277·4	29	− 26
343	Petrograd	59 56	30 16	4·8	..	1017·9	+4·6	..	284	..	..	267	..	..	−0·7	*276·7*	41	− 3
344	Kiev	50 27	30 30	183·1	1000·7	1023·4	+4·5	283·1	295·3	9th	275·1	268·6	30th	279·1	−1·6	279·0	7	− 42
344*a*	Moscow	55 45	37 34	156	1000·4	1019·9	+1·9	279·1	286·3	1st, 18th	272·1	266·0	31st	275·6	−2·5	275·4	40	+ 2
345	Saratov	51 32	46 3	59·9	..	1019·9	−0·7	..	293	..	..	265	..	..	−2·0	*277·3*	23	− 16
346	Kazan	55 47	49 8	79·8	1005·6	1015·6	−3·6	..	289·0	1st	..	262·8	26th	..	−2·5	*274·2*	44	+ 13
347	Orenburg	51 45	55 6	114·1	..	1019·1	−3·4	..	290	..	..	261	..	..	−2·2	*274·9*	27	− 4
348	Perm	58 1	56 15	163·0	..	1010·7	−5·8	..	288	..	..	253	..	..	−2·6	*271·9*	81	+ 41
349	Ekaterinburg	56 50	60 38	288·9	..	1011·1	−7·2	..	290	..	..	252	..	..	−2·2	*271·8*	36	+ 15
350	Tobolsk	58 12	68 14	108·3	..	..	..	..	..	..	..	..	..	..	..	..	..	..
351	Akmolinsk	51 12	71 23	? 347	..	..	..	..	..	..	..	..	..	..	..	..	..	..
352	Omsk	54 58	73 23	90	..	1013·2	−6·4	..	291·0	4th	..	256·5	26th	..	−1·6	*272·6*	35	+ 16
353	Barnaoul	53 20	83 47	162·2	..	1020·8	−2·6	..	291·0	9th	..	254·1	27th	..	−1·0	*273·4*	45	+ 20
354	Tomsk	56 30	84 58	121·6	..	1015·5	−4·3	..	297·1	9th	..	255·4	27th	..	−0·7	*272·3*	61	+ 2
355	Minousinsk	53 43	91 41	? 245	..	..	..	..	..	..	..	..	..	..	..	..	..	..
356	Eniseisk	58 27	92 11	84·4	..	..	..	..	..	..	..	..	..	..	..	..	..	..
357	Irkutsk	52 16	104 19	467·0	..	1023·1	−0·7	..	293·4	13th	..	252·5	28th	..	−0·8	*273·3*	12	− 5
358	Kirensk	57 47	108 7	? 263	..	..	..	..	..	..	..	..	..	..	..	..	..	..
359	Tchita	52 2	113 30	663·7	..	1028·1	..	..	290·0	13th	..	251·7	29th	271·0	..	..	..	..
360	Blagoveshchensk Priisk	58 10	114 17	? 490	..	..	..	..	..	..	..	..	..	..	..	..	10	..
360*a*	Nertchinsk	51 59	116 35	484·3	..	1023·7	+4·2	..	292·7	2nd	..	253·6	30th	..	+2·9	*272·7*	12	− 10
361	Tygan Ourkan	54 5	124 46	? 370	..	..	..	..	..	..	..	..	..	..	..	*269·4*	12	..
362	Blagoveshchensk	50 15	127 38	133·6	..	..	..	..	..	..	..	..	..	..	..	..	..	..
363	Paikanskii Sklad	50 11	130 7	? 168	..	..	..	..	294·7	1st	266·8	256·0	31st	..	..	*274·9*	24	..
364																		
365	Nikolaevsk-sur-Amour	53 8	140 45	21·2	..	..	..	..	290·4	3rd	..	263·7	31st*	..	+1·7	*276·2*	0	− 38
366	Okhotsk	59 21	143 17	6·0	..	..	..	..	..	..	..	..	..	..	..	..	..	..
367																		
368	Petropavlovsk Phare	52 53 N.	158 47 E.	87·1	..	..	..	..	..	..	..	..	..	..	..	..	..	..
369																		
370																		
371																		
372		° ′	° ′	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.

* Mean of max. and min. or of observations at fixed hours. † Computed means for the 24 hours are in *italics*.

OCTOBER—ZONE 4.

Table representing the Meteorology of the Globe between Latitude 50° N. and 40° N.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure: Mean at Level of Station.	Pressure: Mean at M.S.L.	Pressure: Diff. from Normal.	Temperature: Mean Max.	Temperature: Absolute Max.	Temperature: Date.	Temperature: Mean Min.	Temperature: Absolute Min.	Temperature: Date.	Temperature: *Mean.	Temperature: Diff. from Normal.	Temperature: †24 hr. Mean.	Precipitation: Total.	Precipitation: Diff. from Normal.
		° N. ′	° W. ′	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.
411	Victoria, B.C.	48 24	123 19	25·9	1013·5	1016·6	−0·4	286·3	290·1	15th	280·7	275·1	26th	283·5	−0·3	283·0	129	+ 72
412	Portland, Oregon	45 32	122 41	46·6	1013·4	1018·9	+1·0	289·9	296·9	8th	282·8	277·4	26th	286·3	+1·5	*285·8*	87	− 5
413	Macleod	49 44	113 24	954	..	..	..	287·9	296·9	9th, 16th	275·7	263·6	27th	281·8	+1·7	*281·5*	1	− 11
414	Helena	46 34	112 4	1253	875·0	1017·6	+0·7	288·3	301·9	9th	276·0	264·7	27th	282·2	+2·4	*281·9*	21	+ 1
414*a*	Salt Lake City	40 46	111 54	1329	870·6	1018·6	+2·4	291·2	304·1	10th	279·5	274·7	28th	285·4	+1·1	*285·5*	67	+ 31
415	Cheyenne	41 8	104 48	1856	815·0	1017·3	+1·0	290·4	302·4	9th	275·1	264·1	28th	282·8	+2·4	*282·5*	26	+ 8
416	North Platte	41 8	100 45	859	917·9	1017·3	+0·7	296·4	306·9	10th	275·6	261·9	28th	286·0	+3·0	*285·7*	0	− 29
416*a*	Bismarck	46 47	100 38	510·6	954·6	1015·2	−0·3	291·1	305·8	10th	274·9	264·7	28th	283·0	+3·3	*282·6*	19	− 7
417	Winnipeg	49 53	97 7	231·6	..	1012·8	−2·7	287·1	298·7	16th	275·3	265·7	28th	281·2	+2·9	280·1	27	− 11
418	Duluth	46 47	92 6	345·1	972·9	1014·5	−1·4	286·2	299·1	15th	277·1	268·0	29th	281·7	+1·3	*281·6*	21	− 49
419	Port Arthur	48 27	89 12	196·3	..	1013·5	−2·7	284·2	294·7	15th	274·6	268·6	29th	279·4	+1·1	*279·2*	62	− 2
420	Chicago	41 53	87 37	250·8	986·4	1016·6	−0·7	292·1	301·9	17th	283·4	270·2	25th	287·8	+3·0	*287·8*	45	− 19
421	Toronto	43 40	79 24	106·7	1002·5	1015·6	−1·7	288·6	295·9	18th	278·8	269·3	30th	283·7	+1·6	282·8	59	+ 10
422	New York	40 43	74 0	95·7	1005·0	1016·2	−1·7	291·7	301·3	6th	283·4	273·0	30th	287·6	+1·4	287·9	96	+ 2
423	St. John, N.B.	45 17	66 4	21·3	..	1012·8	−3·5	284·5	289·4	11th	278·1	272·3	22nd	281·3	−0·2	*281·2*	97	− 8
424	S. W. Point, Anticosti	49 24	63 35	9·1	1007·8	1008·9	−4·8	279·7	283·0	..	273·3	264·7	..	276·5	−0·9	..	113	+ 30
425	Sable Island (Main Station)	43 57	60 6	7·6	1011·2	1012·1	..	287·0	292·4	..	281·8	277·4	..	284·4	+0·1	..	354	+237
426	St. Johns, Newfoundland	47 34	52 42	38·1	..	1009·1	−4·2	285·3	293·0	2nd, 30th	277·7	270·8	20th, 22nd	281·5	+1·0	..	201	+ 43
435	Madrid	40 24	3 41	655·4	941·6	1017·6	+0·4	292·7	300·0	2nd	280·7	275·5	22nd	286·7	−0·3	285·8	60	+ 15
436	Nantes	47 15	W 1 34	41·4	1011·0	1016·0	+0·4	289·7	296·3	1st	280·9	274·0	22nd	285·3	−0·3	*284·9*	89	+ 27
437	Paris (Parc St. Maur)	48 49	E 2 29	50·3	1010·6	1016·7	+1·5	289·5	296·7	1st	280·7	273·8	22nd	285·1	+1·7	284·8	81	+ 20
438	Marseilles	43 18	5 23	75	1007·7	1016·7	+1·9	293·2	299·8	2nd	283·7	279·7	21st	288·5	+0·4	*287·9*	170	+ 59
438*a*	Zürich	47 23	8 33	493·2	960·9	1019·5	+2·0	288·1	296·2	2nd	279·6	274·7	24th	283·8	+1·5	282·9	28	− 75
439	Rome	41 54	12 29	63·4	..	1017·7	+1·5	294·7	300	13th, 14th	286·3	281	20th, 22nd	290·5	+0·7	*290·3*	107	− 11
440	Vienna	48 15	16 22	202·5	996·3	1020·9	+3·8	286·0	292·1	1st	279·7	275·2	26th	282·9	0·0	282·7	23	− 24
440*a*	Buda-Pesth	47 30	19 2	112·5	1005·1	1021·0	+3·3	287·9	294·6	1st	278·9	273·9	15th	283·4	−0·2	*283·1*	13	− 53
441	Bucharest	44 25	26 6	82	1011·6	1021·7	+4·0	288·3	299·0	9th	279·3	274·5	30th	283·8	−1·9	*283·2*	87	+ 49
442																		
443	Odessa (University)	46 29	30 46	65·3	1013·2	1021·3	+1·9	285·4	294·6	9th	279·2	271·5	29th	282·3	−1·9	*282·3*	80	+ 50
444	Kharkov (University)	50 0	36 14	140	..	1022·8	+2·1	..	292	..	..	264	..	286·3	−0·8	*286·2*	57	+ 17
444*a*	Novorossiisk	44 40	37 49	37	..	1018·8	−0·4	..	294	..	..	275	..	287·0	0·0	*287·0*	7	− 27
445	Tiflis	41 43	44 48	409	..	1020·7	−0·3	..	297	..	..	277	..	281·0	−2·3	*280·9*	0	− 11
446	Astrakhan	46 21	48 2	−14	..	1022·3	+0·4	..	293	..	..	264	..	..	..	..	..	..
447	Fort Alexandrovsk	44 31	50 16	24	..	..	..	..	..	..	..	..	..	289·2	−1·3	*289·2*	..	..
448	Krasnovodsk	40 0	52 59	−15	..	1020·0	−1·0	..	297	..	..	280	..	..	..	..	..	..
449	Tachkent	41 20	69 18	478·3	..	1023·4	+0·8	..	302·6	10th	..	271·6	29th	..	−0·4	*285·0*	28	+ 4
450	Irgiz	48 37	61 16	112	..	..	..	..	..	..	..	..	..	..	..	..	..	..
451	Narynskoe	41 26	76 2	?2015	..	..	..	..	..	..	..	..	..	..	..	..	..	..
452	Vernyi	43 16	76 53	824·8	..	..	..	..	..	..	..	..	..	..	..	..	..	..
461	Mukden	41 48	123 23	43·8	1016·0	1021·4	+1·5	289·9	299·2	1st	277·7	271·0	10th, 24th	283·8	+1·2	283·0	57	+ 17
462	Joshin	40 40	129 11	4·0	1020·6	1021·1	+2·8	290·8	296·3	1st	279·8	273·2	10th	285·3	+0·6	*285·0*	1	− 33
463	Vladivostok	43 7	131 54	15·7	..	1021·7	+2·6	..	294·4	1st	..	272·8	31st	..	+1·2	*283·4*	3	− 39
464																		
465	Ochiai	47 20	142 44	15·0	1018·5	1020·3	..	288·2	294·5	8th	272·9	264·8	31st	280·6	..	279·9	36	..
466	Nemuro	43 20 N.	145 35 E.	26·7	1017·7	1020·9	+5·3	287·6	291·4	7th	280·7	274·3	27th	284·1	+0·8	283·9	38	− 54

Between Latitude 40° N. and 30° N.

OCTOBER—ZONE 5 (Western Half).

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure: Mean at Level of Station.	Pressure: Mean at M.S.L.	Pressure: Diff. from Normal.	Temperature: Mean Max.	Temperature: Absolute Max.	Temperature: Date.	Temperature: Mean Min.	Temperature: Absolute Min.	Temperature: Date.	Temperature: *Mean.	Temperature: Diff. from Normal.	Temperature: †24 hr. Mean.	Precipitation: Total.	Precipitation: Diff. from Normal.
		° N. ′	° W. ′	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.
511	San Francisco	37 48	122 26	47·2	1010·8	1016·6	+0·3	293·8	304·7	7th	284·6	281·3	28th	289·2	+1·6	*288·4*	17	− 26
512	San Luis Obispo	35 18	120 39	61·3	1008·7	1015·9	+0·3	298·3	308·0	24th	283·3	278·6	28th	290·8	+2·7	*290·2*	8	− 18
513	Modena	37 48	113 54	1670	836·2	1017·6	+3·0	291·4	300·8	9th	274·1	267·4	28th	282·8	−0·3	*282·7*	34	+ 13
514	San Diego	32 43	117 10	26·5	1011·3	1014·2	0·0	294·6	303·6	24th	287·0	283·0	13th	290·8	+0·6	*290·6*	34	+ 24
515	Santa Fé	35 41	105 57	2138	790·3	1017·6	+3·0	289·8	299·7	8th	275·7	266·3	28th	282·7	−0·3	*282·5*	10	− 18
516	Denver	39 45	105 0	1613	839·2	1016·9	+0·7	294·2	304·7	10th	277·8	265·8	28th	286·0	+2·4	*285·7*	5	− 19
517	Abilene	32 23	99 40	529·6	956·6	1017·6	+1·4	298·1	306·9	13th	284·8	274·1	28th	291·4	+0·6	*291·2*	117	+ 58
518	Saint Louis	38 38	90 12	172·8	996·8	1017·3	−0·7	294·1	303·0	2nd	283·8	270·8	29th	289·0	+1·3	*288·7*	101	+ 40
519	Mobile	30 41	88 2	17·4	1014·5	1016·6	−0·7	299·4	304·7	1st	289·4	275·2	29th	294·4	+1·9	*294·0*	189	+109
520	Nashville	36 10	86 47	166·4	998·9	1018·6	0·0	296·6	305·8	2nd	283·9	270·2	30th	290·3	+1·5	*290·1*	81	+ 18
521	Charleston	32 47	79 56	14·6	1015·1	1016·9	−1·0	297·9	303·0	2nd	290·3	275·8	30th	294·1	+1·6	*293·8*	157	+ 57
522	Washington	38 54	77 3	34·1	1013·3	1017·3	−1·4	294·7	305·2	1st	282·7	272·4	30th	288·7	+2·0	*288·5*	146	+ 68
523																		
524	Bermuda	32 17	64 30	46·0	..	1018·6	+1·6	298·4	301·3	1st	293·1	290·7	27th	295·7	−0·3	..	125	− 76
531	Horta	38 32	28 38	30	..	1018·0	−1·8	294·0	297	13th	290·4	288	sev. dates	292·2	+0·4	..	51	− 21
532	Ponta Delgada	37 45	25 41	17	1016·4	1018·4	−1·3	293·5	296·0	6th	289·8	287·2	25th	291·6	−0·2	..	94	+ 8
533	Madeira (Funchal)	32 38	16 55	25	1014·6	1017·5	−1·1	296·3	298·5	19th	287·0	284·7	27th	291·6	−0·3	*292·8*	22	− 51
534	Lisbon	38 43	0 9	95	1004·9	1016·2	−0·7	293·7	299·7	5th	287·7	284·9	14th	290·7	+0·5	*290·5*	86	+ 6
535	Casablanca	33 37	7 35	? 17	1014·5	1016·5	..	295·0	298·8	..	290·3	287·5	..	292·7	+0·3	*292·4*	38	+ 5
536	Gibraltar	36 6	5 21	16·2	1012·7	1014·6	−0·7	296·1	300·2	3rd	..	..	..	..	+0·7	*292·4*	52	− 35
		° N. ′	° W. ′	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	m m

* Mean of max. and min. or of observations at fixed hours. † Computed means for the 24 hours are in *italics*.

OCTOBER—ZONE 5 (Eastern Half).

Table representing the Meteorology of the Globe between Latitude 40° N. and 30° N.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure: Mean at Level of Station.	Pressure: Mean at M.S.L.	Pressure: Diff. from Normal.	Temperature: Mean Max.	Temperature: Absolute Max.	Temperature: Date.	Temperature: Mean Min.	Temperature: Absolute Min.	Temperature: Date.	Temperature: *Mean.	Temperature: Diff. from Normal.	Temperature: †24 hr. Mean.	Precipitation: Total.	Precipitation: Diff. from Normal.
		N. ′	E. ′	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.
537	Algiers	36 47	3 4	38·5	1011·9	1016·4	+0·7	298·5	306·4	29th	291·3	288·3	22nd	294·9	+0·6	*294·3*	4	− 69
538	Palma	39 33	2 42	23	1014·3	1017·0	+0·4	295·5	300·4	2nd	287·9	285·0	22nd	291·7	+0·7	..	61	− 24
538*a*	Tunis	36 48	10 10	43	..	1020·2	+3·2	303·2	311	11th, 12th	288·0	284	20, 21, 23	295·6	+3·0	..	30	− 13
539	Malta	35 54	14 31	59	..	1020·3	+3·1	298·5	304	10, 11, 12	292·6	289	21st, 23rd	295·6	+1·1	..	22	− 59
540	Catania	37 30	15 3	64·9	1011·2	1018·9	+2·2	298·0	306·1	11th	288·8	285·6	21st	*293·4*	+0·4	..	23	− 64
541	Athens	37 58	23 43	107·1	..	1019·1	+1·9	295·0	304	11th	287·4	282	17th	291·2	−1·5	*290·8*	1	− 41
542	Alexandria	31 9	29 54	32·0	..	1017·6	+1·2	300·3	305	23rd	292·6	289	2, 3, 4,	296·4	−0·5	*295·8*	2	− 6
543	Cairo (Helwan)	29 52	31 20	115·6	..	1017·1	+1·1	300·7	304	12th	289·5	286	31st	295·1	−1·5	295·1	0	..
544	Nicosia	35 12	33 24	152	..	1014·6	−0·7	299·9	306·3	11th	284·3	280·2	sev. dates	292·1	−2·5	*293·1*	48	+ 26
544*a*	Beirut	33 54	35 28	52·4	..	1015·1	+0·1	298·9	301	1st	291·9	288	29th	295·4	−1·4	..	115	+ 62
545	Baghdad	33 21	44 28	38·7	1010·1	1014·5	+1·2	306·6	310·4	3rd	290·4	287·5	30th	298·5	+0·2	..	0	− 2
546	Lenkoran	38 46	48 52	−19	..	1019·8	0·0	..	294	..	..	282	..	..	−1·3	*288·8*	335	+137
547	Busrah	30 31	47 53	7·6	1012·3	1013·1	−1·6	304·8	308·2	19th	293·4	289·2	11th	299·1	−0·1	..	0	− 2
548	Meshed	36 16	59 35	946	910·3	1018·3	..	296·9	302·1	23rd	274·2	268·4	15th	285·6	−1·1	..	0	− 10
549	Quetta	30 11	67 3	1677	836·0	..	0·0	298·4	302·2	7th	..	272·4	13th	..	−0·5	*?287·6*	0	− 2
550																		
551	Lahore	31 34	74 20	214	986·6	1011·2	−0·4	308·3	311·0	7th	289·7	285·9	25, 26, 27	299·0	+0·9	*298·2*	0	− 4
551*a*	Simla	31 7	77 8	2205	782·9	..	−0·4	289·5	292·3	7th	283·6	281·1	24th	286·6	−0·2	*286·6*	65	+ 43
552	Leh	34 10	77 42	3503	668·5	..	−0·3	288·1	294·4	7th	272·3	268·8	31st	280·2	+0·4	*279·3*	0	− 4
552*a*	Dehra Dun	30 20	78 0	681	935·8	1011·7	−0·3	300·0	303·0	7th, 8th	289·1	286·1	25, 26, 31	294·6	−0·4	*294·2*	133	+110
559	Hang Kow	30 35	114 17	37·0	1016·2	1020·6	+0·4	296·5	301·3	3rd	288·3	284·9	10th	292·4	+0·3	*291·9*	50	− 49
560	Tiensin	39 10	117 10	5·0	1021·4	1022·0	+0·9	294·1	299·5	2nd	283·4	278·1	24th	288·8	+1·2	..	7	− 17
561	Shanghai (Zi-Ka-Wei)	31 12	121 26	7	1018·8	1019·6	+1·3	297·1	300·7	3rd	285·6	281·7	10th, 27th	291·4	−0·2	290·2	37	− 49
562	Jinsen (Chemulpo)	37 29	126 32	67·0	1012·8	1020·9	+2·1	293·1	296·5	1st	283·4	277·6	10th	288·3	+0·3	288·1	17	− 23
562*a*	Nagasaki	32 44	129 52	133·0	1001·2	1017·0	+0·2	294·8	298·6	23rd	286·8	284·3	10th	290·8	−1·0	290·1	93	− 39
563	Kioto	35 1	135 46	49·4	1011·9	1017·8	+0·7	295·1	299·0	2nd	283·6	276·7	27th	289·3	−0·2	288·4	150	+ 20
564	Tokio	35 41	139 45	21·3	1015·1	1017·6	+0·8	292·3	296·2	9th	286·2	281·8	27th	289·3	+0·3	289·1	308	+124
565	Miyako	39 38	141 59	30·4	1016·2	1019·8	+2·6	291·1	298·4	9th	283·1	278·5	20th	287·1	+1·0	286·5	79	− 93
566																		
		N.	E.															

OCTOBER—ZONE 6.

Between Latitude 30° N. and 20° N.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure: Mean at Level of Station.	Pressure: Mean at M.S.L.	Pressure: Diff. from Normal.	Temperature: Mean Max.	Temperature: Absolute Max.	Temperature: Date.	Temperature: Mean Min.	Temperature: Absolute Min.	Temperature: Date.	Temperature: *Mean.	Temperature: Diff. from Normal.	Temperature: †24 hr. Mean.	Precipitation: Total.	Precipitation: Diff. from Normal.
		N.	W.															
605	Honolulu	21 19	157 52	11·6	1015·8	1017·1	+0·8	299·9	301·9	..	294·2	291·3	..	297·1	−0·7	..	16	− 66
606																		
615	Zacatecas	22 47	102 33	2610	747·9	..	..	290·1	293·4	13, 14, 18	281·7	274·3	28th	285·9	..	..	19	..
616	Leon	21 7	101 41	1798·6	823·0	..	−0·2	297·7	300·5	14th	283·8	277·2	31st	290·8	0·0	..	10	− 25
617	Galveston	29 18	94 50	16·5	1015·3	1017·3	+0·3	298·1	303·6	15th	292·4	281·3	29th	295·3	−0·2	*295·2*	238	+132
618	New Orleans	29 58	90 4	15·6	1014·7	1016·6	−0·3	298·8	304·1	3rd	291·1	277·4	29th	294·9	+1·1	*294·5*	53	− 21
619	Havana	23 8	82 22	24·3	..	1012·2	−0·8	300·4	303·8	4th	295·6	291·4	29th, 31st	298·0	−0·4	297·7	405	+217
620	Key West	24 33	81 48	6·7	1011·7	1012·5	−1·4	300·8	303·6	4th	295·3	288·0	30th	298·1	−0·8	*298·1*	278	+141
621	Nassau, Bahamas	25 5	77 21	7·6	1011·5	1012·4	−1·5	302·0	303·6	21st, 23rd	296·6	292·2	31st	299·3	+0·3	..	126	− 34
622																		
633	Puerto de Orotava	28 25	16 32	?100	..	..	..	296·4	298·4	..	290·0	288·1	..	293·2	−1·1	..	33	− 34
634	Las Palmas, Canary Islands	28 7	W15 26	7	1016·5	1017·3	−1·1	300·3	303·4	20th	291·0	288·6	29th	295·7	0·0	..	24	+ 1
637	Insalah	27 17	E 2 27	330	981·2	1018·7	+1·2	310·9	315·0	1st	289·8	286·0	26, 29, 30	300·4	+0·3	*300·2*	0	..
638																		
641	Dakhla Oasis	25 30	29 0	130·0	..	1019·4	+2·1	306·5	311	21st	286·6	283	19th	296·6	−1·8	*296·8*	..	..
642	Wadi Halfa	21 55	31 20	128·3	..	1014·8	+1·9	306·7	311	13th	292·1	288	26th	299·4	−2·0	*299·5*	..	..
643	Suez	29 57	32 32	3·4	..	1016·3	+1·3	302·6	305	6th, 12th	290·4	287	30th	296·5	−1·3	..	0	− 1
644	Aswan	24 2	32 53	99·6	..	1014·8	+2·5	308·2	312	2nd	292·4	287	31st	300·3	−1·7	*300·8*	..	..
647	Bushire	28 59	50 53	4	1012·1	1012·6	−0·6	303·4	306·6	11th	294·8	292·4	31st	299·1	−0·3	..	0	− 3
648	Jask	25 44	57 47	4	1011·3	1011·8	−0·8	305·6	309·0	2nd	297·2	294·3	21st	301·4	0·0	..	0	− 1
649	Kurrachee	24 53	66 57	4	1011·3	1011·8	−0·1	303·2	307·4	28th	295·3	292·2	28th	299·2	+0·1	*298·5*	0	0
650	Hyderabad, Sind	25 24	68 18	29	1007·4	1010·6	−0·5	309·5	313·0	1st	293·6	289·9	27th	301·6	−0·3	..	0	0
651	Jaipur	26 56	75 52	436	963·0	1011·8	−0·6	306·2	308·1	7th, 8th	290·7	286·7	28th	298·5	−0·8	*297·8*	56	+ 49
652	Nagpur	21 8	79 5	310	976·3	1011·3	−0·3	304·1	305·8	9th	293·0	286·8	31st	298·6	−0·7	*298·1*	64	+ 15
653	Allahabad	25 25	81 51	94	1000·1	1010·8	−0·5	304·8	306·7	1st	292·3	287·7	27th	298·6	−0·6	*297·8*	56	− 8
654	Calcutta	22 36	88 23	6	1010·2	1010·9	−0·1	302·9	306·2	7th, 8th	296·8	292·7	31st	300·2	+0·2	*299·9*	173	+ 74
655	Gauhati	26 8	91 41	59	1005·0	1011·8	..	303·1	307·6	1st	294·9	290·0	31st	299·0	..	..	86	+ 24
655*a*	Cherrapunji	25 15	91 42	1314	868·3	..	..	294·6	299·5	1st	?	?	?	?	..	..	425	+ 56
656	Shillong	25 33	91 48	1500	850·5	..	..	294·8	299·1	2nd	285·9	280·1	29th	290·4	..	..	124	− 30
656*a*	Akyab	20 11	92 56	6	1010·6	1010·9	+0·2	303·2	304·6	2, 28, 29	297·6	295·5	30th	300·4	−0·5	*300·0*	335	+ 84
657	Phu Lien	20 48	106 37	115·6	1000·7	1014·2	+1·1	301·9	304·9	7th	294·7	292·0	13th	298·3	−0·5	297·3	101	− 48
658	Moncay	21 31	107 51	10	1013·2	1014·3	+0·9	302·8	306·7	8th	293·5	288·3	14th	298·2	+0·1	*297·5*	71	− 91
659																		
660	Hong Kong	22 18	114 10	33·2	..	1014·6	+1·1	299·5	304·1	8th	295·2	292·1	13th	297·4	−0·6	297·1	1	−115
661	Taihoku, Formosa	25 2	121 31	9·3	1014·6	1015·7	+0·9	299·0	303·5	19th	292·2	287·0	16th	295·6	−1·1	294·9	88	− 20
662	Naha	26 13	127 41	10·5	1010·0	1011·2	−2·6	299·2	303·3	7th	293·6	288·9	11th	296·4	−0·4	296·5	633	+482
		N. °	E. °	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.

* Mean of max. and min. or of observations at fixed hours. † Computed means for the 24 hours are in *italics*.

Table representing the Meteorology of the Globe between Latitude 20° N. and 10° N.

OCTOBER—ZONE 7.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure: Mean at Level of Station.	Pressure: Mean at M.S.L.	Pressure: Diff. from Normal.	Temperature: Mean Max.	Temperature: Absolute Max.	Temperature: Date.	Temperature: Mean Min.	Temperature: Absolute Min.	Temperature: Date.	Temperature: *Mean.	Temperature: Diff. from Normal.	Temperature: †24 hr. Mean.	Precipitation: Total.	Precipitation: Diff. from Normal.
		N. ′	W. ′	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.
715	Zapotlanejo	19 38	103 37	..	..	..	..	..	302·0	..	..	279·0	..	..	..	..	82	..
716	Morelia	19 42	101 7	1951	809·8	..	..	295·2	299·0	13th, 14th	283·0	277·4	8th	289·1	..	*289·1*	41	..
717	Salina Cruz	16 12	95 12	56·3	1006·2	1012·7	..	..	306·5	6th	..	291·4	10th	..	..	*298·7*	137	..
718	Mexico	19 26	99 8	2280	780·5	..	+0·5	295·2	297·5	14th	282·3	277·0	8th	288·8	−0·2	287·8	36	− 4
718*a*	Oaxaca	17 4	96 44	1563	846·8	..	..	299·7	303·7	3rd	285·7	280·8	31st	292·7	..	*292·1*	44	..
719	Belize	19 29	88 12	1·9	..	..	..	..	305·2	..	..	300·2	..	..	..	..	138	−206
720	San Salvador	13 44	89 9	..	..	1011·2	+0·7	302·9	305·6	3rd	295·3	293·0	24th	299·1	+0·5	*298·4*	516	+303
721	Jamaica (Negril Point)	18 15	78 23	10·1	1008·2	1012·5	+0·7	304·5	306·7	..	294·8	292·0	..	299·7	−0·1	299·2	116	− 52
722	Port au Prince	18 34	72 22	37·4	1010·3	1011·0	..	302·8	304·2	..	297·6	295·5	..	300·2	..	..	63	..
723	St. Croix (Christiansted)	17 45	64 42	6·6	993·5	1011·5	+0·4	302·6	305·2	26th	296·5	294·7	3, 5, 30	299·6	−0·1	*299·0*	264	+ 80
724	Grenada (Richmond Hill)	12 3	61 45	155·8	..	1011·8	+1·9	302·1	304·5	..	297·7	294·2	..	299·9	+0·1	*299·7*	101	− 55
725	Barbados	13 8	59 36	55·2	..	..	..	..	..	..	..	..	..	..	..	..	..	..
731	St. Vincent, C. Verde Is.	16 54	25 4	11	1013·3	1014·5	+1·4	301·3	302·0	21st	293·3	293·0	20, 21, 22	297·3	−1·7	..	0	− 40
732	San Tiago, C. Verde Is.	14 54	23 31	34	1011·0	1014·9	..	303·2	305·7	10th	298·3	296·2	26th	300·7	+1·2	..	33	− 4
733	Bathurst	13 24	16 36	1·5	..	1012·6	+0·1	304·8	308·6	22nd	295·8	293·0	6th	300·3	+0·1	*300·7*	70	− 34
734	M'Carthy Island	13 42	14 46	1·1	..	..	..	306·7	308·6	27th	294·6	290·2	9th	300·6	−1·1	..	56	+ 8
735	Ségou	13 34	6 17	272	..	..	..	308·4	311·0	30th	294·9	292·3	28th	301·7	..	..	7	..
736	Timbouctoo	16 43	W 2 52	250	981·5	1009·3	−0·7	314·6	318·0	2nd, 3rd	295·0	292·4	12th	304·8	0·0	*304·1*	0	..
737	Sokoto	13 2	E 5 14	354	..	..	..	307·8	309·1	21st, 23rd	294·2	291·3	28th, 30th	301·0	−0·6	..	2	− 8
738	Kontagora	10 24	5 29	400	..	..	..	306·3	308·6	31st	292·0	286·9	31st	299·2	−0·2	..	53	− 36
739	Maiduguri	11 48	13 12	361	..	..	..	309·1	311·9	20th, 22nd	291·7	288·0	26th	300·4	−1·6	..	0	− 11
740	Katagum	12 17	10 22	402	..	..	..	306·0	308·0	20th	293·6	289·1	31st	299·8	−1·2	..	0	− 10
742	Kadugli	11 2	29 45	503	..	..	..	307·0	309·0	sev. dates	291·7	286·5	28th	299·4	..	..	145	..
743	El Obeid	13 11	30 14	585	..	1011·8	−0·1	309·1	311	23rd	293·0	291	28th	301·0	−0·5	*300·7*	30	+ 7
744	Khartoum	15 37	32 33	390	..	1009·5	+0·8	312·4	315	7th	297·0	294	13th	304·7	+0·3	*305·0*	0	− 5
746	Aden	12 45	45 3	28·7	1009·0	1012·2	−0·3	304·6	307·3	1st	298·9	295·2	28th	301·8	−0·1	*300·9*	56	+ 54
751	Bombay	18 54	72 49	11·3	1009·9	1011·1	−0·5	303·6	305·5	26th	297·3	295·5	22, 23, 25	300·4	−0·3	*299·7*	109	+ 62
752	Mysore	12 18	76 40	768	926·4	1010·8	−0·6	301·3	303·6	4 days	292·4	289·9	3rd	296·9	−0·3	*296·1*	307	+128
752*a*	Kodaikanal	10 13	77 28	2343	770·2	..	−1·1	289·8	291·9	12th	284·0	281·9	6th	286·9	+0·1	286·2	327	+ 50
753	Madras	13 4	80 14	6·7	1009·2	1009·8	−0·9	304·9	309·4	3rd	297·3	294·4	12th	301·1	+0·3	300·4	245	− 41
754	Waltair	17 45	83 16	68·9	1002·2	1010·1	−0·6	301·8	304·2	8th	297·1	295·4	23rd	299·5	..	*298·8*	385	+221
755	Port Blair	11 40	92 40	17·7	1008·9	1010·8	+0·1	302·3	304·8	28th	297·3	295·8	25th	299·8	−1·0	*299·1*	208	− 69
756	Rangoon	16 46	95 48	5·5	1011·1	1011·8	+0·3	303·7	305·6	4 days	297·7	296·3	20th, 21st	300·7	+0·2	*299·8*	137	− 34
757	Saigon	10 46	106 42	11·2	..	..	..	..	..	..	..	..	..	..	..	..	505	+267
758	Nhatrang	12 16	109 12	6·8	1009·9	1010·6	+1·0	303·0	305·7	2nd	296·5	295·2	27th	299·8	−0·1	..	370	+ 54
759	Bolinao	16 24	119 53	7·5	..	1009·3	+0·9	304·8	306·8	25th, 26th	296·2	294·6	23rd	300·5	−0·2	300·0	116	− 62
760	Vigan	17 34	120 23	20	..	1009·8	+0·9	304·6	306·3	30th	296·4	294·9	9th	300·5	−0·3	300·0	82	−103
761	Manila	14 35	120 59	14·2	..	1010·0	+0·9	304·2	306·5	30th	295·7	294·0	19th	300·0	−0·9	298·9	245	+ 52
762	Ormoc	11 0	124 36	5·6	..	1009·0	+0·2	303·6	306·1	14th	294·7	292·8	19th	299·2	−0·7	298·3	285	+ 28
765	Guam, Ladrone Is.	13 24	144 38	20·4	..	1008·9	+1·0	302·3	304·2	1st	297·0	295·8	5, 14, 28	299·7	−0·1	..	320	− 33
		N.	E.															

OCTOBER—ZONE 8.

Between Latitude 10° N. and 0°.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure: Mean at Level of Station.	Pressure: Mean at M.S.L.	Pressure: Diff. from Normal.	Temperature: Mean Max.	Temperature: Absolute Max.	Temperature: Date.	Temperature: Mean Min.	Temperature: Absolute Min.	Temperature: Date.	Temperature: *Mean.	Temperature: Diff. from Normal.	Temperature: †24 hr. Mean.	Precipitation: Total.	Precipitation: Diff. from Normal.
		N.	W.															
805	Fanning Island	3 55	159 23	4·3	..	..	..	302·3	303·0	14th, 16th	297·4	295·2	22nd	299·9	−1·1	*298·8*	18	− 85
819	Culebra	9 30	79 40	52·4	996·9	1011·2	+0·6	302·4	304·7	2nd	294·7	293·6	1st	298·6	−0·1	..	343	+ 49
823	El Peru, Guayanavieja	7 30	62 0	?300	..	..	..	..	..	..	..	..	..	..	..	..	..	..
825	Georgetown, Brit. Guiana	6 50	58 12	1·8	1010·9	1011·1	−0·2	303·7	304·8	9th	296·7	295·2	17th	300·2	−0·3	..	69	+ 12
826	Paramaribo	5 49	55 9	4	1011·7	1012·1	−0·1	304·8	306·6	8th	295·9	293·7	27th	300·4	−0·3	*299·4*	84	+ 13
826*a*	Cayenne	4 56	52 21	6	..	..	..	305·1	306·4	10th	296·4	295·2	8, 21, 28	300·8	−0·1	*301·1*	12	− 22
833	Conakry	9 31	13 43	16	1010·2	1012·0	0·0	303·4	305·5	..	294·1	292·8	..	298·8	−0·4	*299·1*	403	− 35
834	Sierra Leone	8 30	13 9	68·3	1002·9	1010·8	−0·9	304·4	306·3	9th	295·1	293·4	9th	299·8	0·0	..	225	−109
835	Cape Coast Castle	5 5	1 13	..	..	..	..	302·5	303·6	23, 28, 31	294·8	294·1	sev. dates	298·7	−0·5	..	31	− 18
836	Accra	5 35	W 0 6	18	..	..	..	..	..	..	..	..	..	..	..	..	62	+ 15
837	Lagos	6 27	E 3 24	7·6	..	1011·1	−0·6	302·3	304·1	..	295·7	293·6	..	299·0	−0·2	..	178	− 23
838	Zungeru	9 48	6 10	130	..	1011·7	−0·2	306·2	308·6	30th	293·9	289·1	30th	300·1	+0·2	..	52	− 44
838*a*	Libreville	0 23	9 26	35	..	..	..	301·4	303·0	11th	295·1	293·2	14th	298·3	−0·3	..	373	− 15
839	Yola	9 12	12 30	259	..	..	..	306·3	308·6	21, 23, 27	295·2	290·8	31st	300·8	+0·2	..	46	− 36
841	Kafia Kingi	9 22	24 18	596	945·3	1011·7	..	304·7	307·0	9, 15, 23	293·3	291·0	10th, 28th	299·0	..	..	23	..
842	Wau	7 42	28 3	440	..	1010·0	..	306·3	309·8	25th	?293·6	292·5	12th	300·0	..	..	144	+ 43
843	Entebbe	0 5	32 29	1171	883·0	..	−0·2	300·1	301·6	4th, 11th	289·7	288·6	1, 10, 21	294·9	+0·1	*293·9*	38	− 52
844	Nandi	0 2	35 5	2010	..	..	..	..	..	..	..	..	..	..	..	..	130	+ 24
845	Harrar	9 42	42 30	1856	..	..	..	297·7	300·0	24th, 27th	286·4	285·0	sev. dates	292·1	..	..	20	..
851	Cothin	10 0	76 21	2·7	1011·0	1011·3	−0·3	302·8	304·8	18th	296·8	295·1	19th	299·8	−0·1	*299·1*	434	+102
852	Colombo Observatory	6 54	79 53	7·3	1009·0	1009·8	+0·4	302·6	304·0	11th, 13th	296·7	295·0	15th	299·6	−0·6	*298·9*	533	+ 45
853	Candy	7 18	80 40	504·5	..	..	..	300·7	302·3	11th, 12th	293·1	289·8	8th	296·9	−0·1	..	197	−107
855	Medan	3 35	98 41	23·5	..	1010·4	0·0	..	..	..	..	..	..	..	..	..	171	− 90
856	Kota Radja	5 32	95 20	7·1	..	1011·6	+0·5	..	..	..	..	..	..	..	..	..	125	− 63
857	Penang	5 34	100 20	4·9	1010·3	1010·8	+1·0	304·8	305·2	sev. dates	295·1	290·2	18, 22, 23	299·9	−0·2	..	439	− 14
858	Singapore	1 17	103 51	2·2	1009·9	1010·1	+0·9	304·1	305·8	1st	295·9	295·2	sev. dates	300·0	+0·1	..	278	+ 85
860	Sandakan	5 49	118 12	..	..	..	..	304·9	305·8	1st, 27th	296·7	295·8	8th, 12th	300·8	+0·4	..	203	− 40
861	Tagbilaran	9 38	123 51	26·2	..	1008·4	0·0	?305·0	?306·8	1st	297·0	295·8	22nd, 26th	301·0	..	*300·0*	145	−136
862	Surigao	9 48	125 29	6	..	1008·8	+0·3	303·5	306·0	17th	296·4	295·4	12th	300·0	−0·6	299·5	217	− 21
863	Yap	9 29	138 8	31·9	..	1007·4	−0·1	304·3	306·4	16th, 25th	297·1	295·6	28th	300·7	+0·1	..	204	− 51
869	Uyelang	9 42	161 3	<10	1010·0	..	+0·8	..	..	..	..	..	..	..	..	..	332	+ 58
		N. °	E. °	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.

* Mean of max. and min. or of observations at fixed hours. † Computed means for the 24 hours are in *italics*.

OCTOBER—ZONE 9.

Table representing the Meteorology of the Globe between Latitude 0° and 10° S.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure: Mean at Level of Station.	Pressure: Mean at M.S.L.	Pressure: Diff. from Normal.	Temperature: Mean Max.	Temperature: Absolute Max.	Temperature: Date.	Temperature: Mean Min.	Temperature: Absolute Min.	Temperature: Date.	Temperature: *Mean.	Temperature: Diff. from Normal.	Temperature: †24 hr. Mean.	Precipitation: Total.	Precipitation: Diff. from Normal.
		° S. ′	° W. ′	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.
905	Malden Island	3 59	155 0	8·8	1011·6	1012·6	+2·0	304·9	305·8	28th	296·2	294·1	22nd	300·6	−0·5	*299·9*	7	− 10
906																		
923	Manaos	3 8	59 59	44·9	1003·0	1008·1	..	305·4	308·2	29th	297·0	295·0	25th	301·2	..	...	100	+ 20
929	Quixeramobim	5 16	39 18	207·0	988·4	1011·8	+1·0	307·0	308·2	18th	..	295·9	10th	..	..	..	0	..
930	Fernando Noronha	3 51	W32 25	95	..	..	..	..	..	..	..	..	..	..	..	..	..	..
939	Sainte-Croix-des-Eshiras	1 44	E10 21	195	..	..	..	305·2	307·5	27th	293·9	293·2	10th, 15th	299·6	+0·2	..	61	−133
940	Loango	4 38	11 45	? 50	..	..	..	301·4	303·0	27th, 28th	295·5	294·2	1st, 9th	298·5	..	*297·8*	9	..
943	Daressalam	6 49	39 18	7·6	1013·8	1014·6	−0·2	301·2	302·2	30th	293·0	291·1	2nd, 3rd	297·1	−0·7	297·3	39	+ 13
944	Nairobi	1 18	36 59	1660	..	..	..	296·8	300·2	24th	283·4	278·8	1st	290·1	−1·7	..	23	+ 28
944*a*	Zanzibar	6 10	39 11	21·9	1014·7	1017·1	+0·7	301·3	303·6	31st	297·5	295·3	20th	299·4	+0·2	*298·0*	46	− 47
945																		
946	Lamu	2 16	40 54	3·0	..	..	..	..	..	..	..	..	..	..	..	..	0	− 46
947	Seychelles	4 37	55 27	4·6	1012·8	1013·4	+1·1	300·7	301·4	..	..	..	..	299·0	−0·2	*298·2*	1	− 123
948																		
955																		
956	Padang	0 56	100 22	6·7	..	1009·8	−1·2	..	..	..	..	..	..	..	..	..	362	−154
957	Batavia	6 11	106 50	8	..	1010·4	+0·1	303·0	304·8	1st	296·2	295·4	23rd	299·6	−0·5	299·0	144	+ 33
958	Pontianak	0 1	109 20	2·6	..	1009·6	−0·2	..	..	..	..	..	..	..	..	..	339	− 52
959	Passeroean	7 39	112 56	5·0	1009·8	1010·3	0·0	304·5	306·5	..	295·6	293·5	..	300·1	..	*300·1*	157	+139
960	Kajoemas	7 56	114 9	950	..	..	..	..	..	..	..	..	..	..	..	..	..	..
961	Koepang	10 10	123 34	3·3	..	1010·0	0·0	..	..	..	..	..	..	..	..	..	147	+131
962	Ambon	3 42	128 10	4·2	..	1009·7	0·0	..	..	..	..	..	..	..	..	..	216	+ 40
965	Daru	9 4	143 13	8	..	1012·0	+0·7	302·9	..	..	298·2	..	..	300·6	+1·0	..	57	+ 13
966	Port Moresby	9 29	147 9	39	..	1011·0	−0·4	304·3	..	..	297·6	..	..	301·0	+1·4	..	58	+ 35
967	Rakuranga	4 13	152 8	? 120	..	..	..	304·6	308·0	..	..	295·4	294·0	300·0	..	..	28	..
968	Rendova	8 24	157 19	..	..	..	..	..	..	..	..	..	..	..	..	..	411	− 76
969	Tulagi, Brit. Solomon Is.	9 5	160 8	53·6	1010·0	1010·2	+0·4	303·1	304·7	sev. dates	297·4	295·8	4th	300·3	..	..	147	− 53
970	Ocean Island	0 52	169 36	48·5	..	1010·9	+2·3	304·4	305·5	4th	298·4	297·7	20th	301·4	+0·3	*300·6*	18	−114
		S.	E.															

OCTOBER—ZONE 10.

Between Latitude 10° S. and 20° S.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure: Mean at Level of Station.	Pressure: Mean at M.S.L.	Pressure: Diff. from Normal.	Temperature: Mean Max.	Temperature: Absolute Max.	Temperature: Date.	Temperature: Mean Min.	Temperature: Absolute Min.	Temperature: Date.	Temperature: *Mean.	Temperature: Diff. from Normal.	Temperature: †24 hr. Mean.	Precipitation: Total.	Precipitation: Diff. from Normal.
		° S.	° W.	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.
1001																		
1002	Apia, Samoa	13 49	171 45	4	1012·1	1012·5	+1·3	301·2	301·9	..	296·0	294·2	..	298·6	−0·1	*298·4*	174	− 5
1003	Alofi, Niue Island	19 2	169 55	36·6	1013·6	1017·8	+1·2	302·3	305·8	13th	293·1	290·2	2nd	297·7	+0·2	..	145	+ 59
1004																		
1007	Makatea	15 47	148 14	39	1010·2	1014·7	+1·9	302·5	304·0	..	296·0	294·2	..	299·3	..	..	104	..
1008																		
1021	Puerto de Arica	18 28	70 20	5	1018·1	1018·7	..	293·4	298·0	16th	285·3	282·2	2nd	289·3	−1·5	*288·9*	..	..
1022	Arequipa	16 22	71 33	2451	761·5	..	+0·7	293·1	295·2	10th	280·9	278·6	24th, 25th	287·0	−0·3	..	0	− 1
1023																		
1024	Sucre, Bolivia	19 3	67 17	2844	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1025	Araguaya	15 33	52 59	488	..	..	..	..	..	..	..	..	..	298·9	+0·1	..	113	− 39
1026	Cuyaba	15 35	56 0	235	990·3	1017·1	−0·3	304·3	308·6	8th	297·6	291·4	1st	301·0	+0·4	..	237	+124
1027	Bello Horizonte	19 54	43 30	857	917·8	1013·4	..	298·0	301·5	..	288·7	284·2	..	293·4	..	..	175	..
1028	Cætite	14 2	42 37	900	915·1	1015·1	..	300·6	305·5	6th	289·8	286·2	12th	295·2	..	..	153	..
1029	Ondina	13 0	38 30	45·2	1006·7	1011·9	..	299·8	303·5	20th	295·1	293·6	11th	297·4	..	..	83	..
1030	Aracaju	10 55	37 4	4·3	1014·3	1014·8	..	300·5	302·3	28th	296·5	295·0	9th	298·5	..	..	52	..
1035	St. Helena	15 57	W 5 40	?620	948·4	1020·5	+0·6	288·8	291·2	27th	284·3	283·6	18, 19, 27	286·6	−1·1	*286·2*	110	+ 61
1036																		
1041																		
1042	Gwelo	19 26	E30 2	1416	859·9	..	+0·6	300·1	305·1	..	286·0	282·1	..	293·1	−1·1	..	23	− 1
1043	Salisbury, Rhodesia	17 48	31 5	1487	857·8	..	−0·1	299·7	304·8	..	285·8	281·9	..	292·7	−1·5	..	107	+ 76
1044	Zomba	15 23	35 18	954	907·6	1013·4	+0·9	301·3	304·7	24th	290·1	286·9	31st	295·7	−0·5	*293·6*	22	− 17
1045	Tamatave	18 9	49 26	4	1017·8	1018·2	+1·6	..	..	..	..	..	..	297·3	..	..	52	− 52
1046	Tananarivo	18 55	47 32	1400	866·7	..	+0·6	299·7	302·6	28th	285·0	281·3	10th	292·4	−0·9	291·7	20	− 52
1055	Cocos Keeling Is.	12 5	96 54	4·6	..	1011·7	−1·2	301·6	304·0	3rd	297·2	295·8	27th	299·4	−0·3	..	816	+747
1056																		
1057	Christmas Is.	10 25	105 43	5·5	1008·3	1008·9	−1·3	301·9	304·6	..	296·6	295·2	..	299·3	−0·9	..	582	+501
1058																		
1061	Derby	17 18	123 40	16·2	..	1011·7	+0·9	308·6	314·9	29th	297·4	293·0	12th	303·0	+1·0	..	0	− 1
1062	Hall's Creek	18 13	127 46	373·6	..	1011·3	+0·5	308·6	313·0	19th	294·7	282·4	13th	301·7	+0·2	..	30	+ 17
1063	Port Darwin	12 28	130 51	29·6	..	1010·6	+0·6	307·4	309·3	15th	298·3	295·8	11th	302·9	+0·2	*301·9*	22	− 53
1064	Daly Waters	16 16	133 23	210·6	..	1010·5	..	310·4	314·1	25th	295·7	284·7	13th	303·1	+0·1	*302·6*	18	− 90
1065	Mein	13 13	142 57	121·9	..	1010·2	..	306·1	309·4	3rd	295·1	291·4	4th	300·6	..	..	111	+ 18
1066	Georgetown, Queensland	18 23	143 33	301·8	..	1012·3	..	308·1	311·8	27th	293·6	287·9	12th	300·8	..	..	0	− 76
1067	Samarai	10 37	150 40	6·4	..	1011·9	+0·6	302·6	..	..	297·4	..	..	300·0	+1·0	..	178	+ 10
1068																		
1070	La Kolle	17 40	168 20	30	..	..	..	304·4	307·4	12th	290·8	287·5	13th	297·6	..	..	42	..
1072	Suva, Fiji	18 8	178 26	13·4	..	1016·3	+1·7	300·3	304·2	7th	294·4	292·4	6th	297·4	0·0	..	491	+292
		S.	E.															

* Mean of max. and min. or of observations at fixed hours.

† Computed means for the 24 hours are in *italics*.

OCTOBER—ZONE 11.

Table representing the Meteorology of the Globe between Latitude 20° S. and 30° S.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure: Mean at Level of Station.	Pressure: Mean at M.S.L.	Pressure: Diff. from Normal.	Temperature: Mean Max.	Temperature: Absolute Max.	Temperature: Date.	Temperature: Mean Min.	Temperature: Absolute Min.	Temperature: Date.	Temperature: *Mean.	Temperature: Diff. from Normal.	Temperature: †24 hr. Mean.	Precipitation: Total.	Precipitation: Diff. from Normal.
		° S. ′	° W. ′	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.
1105	Rarotonga (Avarua)	21 12	159 47	..	..	..	..	298·8	300·7	13th	293·3	290·5	3rd	296·1	..	..	75	− 28
1106																		
1115	Mataveri, Easter Island	27 10	109 26	30	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1116																		
1121	Punta Tortuga, Coquimbo	29 56	71 21	27	1013·9	1017·1	+0·4	290·7	294·0	sev. dates	284·3	280·4	2nd	287·5	+0·8	*287·1*	0	0
1122	Puerto de Antofagasta	23 38	70 25	4	1014·5	1015·0	−0·1	300·1	300·9	31st	284·9	284·4	sev. dates	292·5	+1·7	*291·2*	0	− 2
1125	Goya	29 9	59 15	64	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1126	Porto Alegre	30 1	51 13	24·5	1014·7	1017·6	..	297·7	308·0	9th	286·0	280·0	1st, 29th	291·9	..	*292·0*	31	− 33
1127	Curityba	25 25	49 15	908	914·7	1017·6	+1·2	294·5	301·4	10th	283·4	277·6	1st	289·0	−0·7	*288·4*	80	− 75
1128	Rio de Janeiro	22 54	W43 10	61	1008·9	1016·1	+1·6	..	305·4	..	..	287·3	..	..	−1·9	292·7	145	+ 64
1139	Windhuk	22 34	E17 6	1665·3	833·4	..	..	..	..	..	..	..	..	..	−0·7	293·9	..	..
1140																		
1141	Johannesburg	26 11	28 4	1806	..	..	..	292·7	298·7	4th	282·2	278·1	11th	287·4	−1·7	*287·1*	116	+ 51
1142	Kimberley	28 42	28 47	1202	882·4	..	+0·3	299·2	..	..	283·6	..	..	..	−0·9	290·9	17	− 8
1142*a*	Pretoria	25 45	28 11	1339	..	..	..	297·8	304·1	5th	284·3	280·8	10th	291·1	−1·6	..	122	+ 58
1143	Durban	29 51	31 0	80	1010·2	1019·7	+0·2	296·8	300·3	9th	289·1	285·1	12th	292·9	−0·9	..	112	+ 3
1144	Lorenzo Marques	25 58	32 36	59	..	1017·9	+1·3	299·3	305·8	14th	290·4	284·9	13th	294·8	−1·1	294·2	101	+ 36
1147	Mauritius	20 6	57 33	54·3	1011·6	1018·0	−0·3	299·8	301·4	21st	291·2	288·8	6th, 8th	295·5	−0·2	295·1	41	0
1148																		
1159	Onslow	21 43	114 57	4·3	..	1012·4	−0·5	305·2	308·6	13th	289·4	285·8	2nd, 10th	297·3	+0·7	..	0	0
1160	Peak Hill	25 38	118 47	588·3	..	1012·6	+0·1	300·9	307·9	29th	286·4	280·2	7th	293·7	−1·3	..	6	+ 4
1161	Nullagine	21 53	120 5	385·6	..	1011·9	+0·4	307·5	313·6	20th	288·8	280·8	12th	298·1	−1·9	..	10	+ 2
1162	Laverton	28 40	122 23	466·3	..	1016·0	+1·6	298·1	307·4	30th	283·5	277·4	4th	290·8	−1·9	..	23	+ 4
1163	Alice Springs	23 38	133 37	587·0	..	1015·6	+3·6	299·7	310·2	24th	286·8	276·9	12th	293·3	−3·1	*293·3*	23	+ 4
1164	William Creek	28 55	136 21	76·2	..	1016·9	..	299·0	310·8	17th	283·5	275·8	11th	291·3	..	*291·1*	3	− 5
1165	Boulia	22 55	139 38	145·7	..	1013·0	..	304·9	312·6	1st	289·6	279·9	11th, 12th	297·3	..	..	24	+ 9
1166	Mitchell	26 32	147 52	337·1	..	1014·6	..	300·2	308·6	25th	284·3	274·7	12th	292·2	..	..	54	+ 14
1167	Rockhampton	23 24	150 30	11·3	..	1015·9	..	302·7	308·1	3rd	290·0	280·9	12th	296·3	..	..	25	− 15
1168	Brisbane	27 28	153 2	41·7	..	1016·3	+0·6	299·4	306·3	3rd	288·1	279·9	12th	293·7	−0·3	..	83	+ 30
1169	Noumea	22 16	166 27	9	1014·2	1015·2	..	301·4	305·4	30th, 31st	292·5	290·2	11th	297·0	+1·8	..	44	− 12
1170	Norfolk Island	29 4	167 58	..	..	..	..	..	..	..	..	..	..	..	..	..	201	+114
		S.	E.															

Between Latitude 30° S. and 40° S.

OCTOBER—ZONE 12.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure: Mean at Level of Station.	Pressure: Mean at M.S.L.	Pressure: Diff. from Normal.	Temperature: Mean Max.	Temperature: Absolute Max.	Temperature: Date.	Temperature: Mean Min.	Temperature: Absolute Min.	Temperature: Date.	Temperature: *Mean.	Temperature: Diff. from Normal.	Temperature: †24 hr. Mean.	Precipitation: Total.	Precipitation: Diff. from Normal.
		° S.	° W.	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.
1219																		
1220	Juan Fernandez	33 37	78 50	10	1019·4	1020·6	..	289·4	294·0	sev. dates	..	..	..	286·9	..	..	35	− 14
1221	Punta Angeles, Valparaiso	33 1	71 38	41	1013·1	1018·0	+0·5	290·7	298·6	31st	282·9	280·2	19th	286·8	−2·3	*285·3*	2	− 10
1222	Santiago	33 27	70 42	520	955·5	1016·2	−0·1	..	303·3	31st	..	276·1	20th	286·7	+0·2	*286·6*	3	− 11
1223	Cordoba	31 25	64 12	439	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1224	Buenos Ayres	34 16	64 11	25·2	1015·8	1018·8	+2·7	293·3	302·7	4th	283·4	276·2	22nd	288·4	−1·9	288·3	92	+ 2
1225	Rio Grande	32 2	52 6	2·3	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1226	Montevideo	34 52	W56 12	29·3	1016·0	1019·5	+4·9	292·4	301·5	8th	281·0	274·7	22nd	286·7	−1·4	286·5	54	− 39
1239	Cape Town	33 56	E18 29	12	1017·4	1018·8	+1·7	294·6	304·1	..	284·6	279·2	..	289·6	+0·5	*288·6*	38	− 6
1240	Danger Point	34 37	19 18	20	..	..	..	290·9	293·0	19th, 20th	284·8	280·2	11th	287·9	..	..	57	..
1241	Heidelberg	34 5	20 58	1541	..	..	..	297·2	305·8	29th	281·1	276·9	17th	289·2	−1·9	..	44	+ 8
1242	East London	33 2	27 55	10·1	1016·8	1018·0	+0·9	293·1	298·0	3rd	286·8	280·8	12th	290·0	−0·5	..	154	+ 96
1259	Perth (Observatory)	31 57	115 51	60·0	..	1019·7	+3·3	292·4	296·5	11th	282·3	278·6	1st	287·4	−1·8	..	54	− 6
1260	Katanning	33 42	117 35	309·7	..	1018·6	+3·3	292·2	298·1	21st	278·7	273·2	4th	285·5	−1·4	..	25	− 18
1261	Coolgardie	30 57	121 10	423·3	..	1017·6	+3·0	295·2	305·8	13th	281·1	276·3	2nd	288·2	−2·6	..	10	− 9
1262	Eucla	31 45	128 58	4·6	..	1016·7	+1·6	295·1	307·7	14th	282·5	275·8	1st	288·8	−1·3	..	29	+ 12
1263	Streaky Bay	32 48	134 13	13·1	..	1017·9	+3·0	293·6	304·8	16th	282·0	276·9	2nd	287·8	−2·4	..	35	+ 12
1264	Adelaide	34 56	138 35	42·7	..	1017·6	+1·8	293·1	304·2	16th	282·3	275·7	10th	287·7	−1·9	*287·4*	46	0
1265	Melbourne	37 49	144 57	35·1	..	1015·4	+0·7	290·7	301·7	24th	281·6	275·9	10th	286·2	−1·0	*286·0*	71	+ 4
1266	Bourke	30 13	145 58	110·1	..	1016·9	+2·2	300·3	310·2	24th	285·0	276·3	12th	292·7	−1·9	..	17	− 11
1267	Sydney	33 51	151 13	44·5	..	1015·4	..	294·4	307·4	25th	285·4	281·8	12th	289·9	−0·6	..	97	+ 24
1268	Lord Howe Island	31 32	159 4	..	..	..	..	..	..	..	..	..	..	..	..	..	295	+152
1271	Auckland	36 50	174 50	38·1	..	1017·6	..	290·7	293·3	25th	284·3	280·8	30th	287·5	+0·5	..	56	− 34
1272																		
		S.	E.															

Between Latitude 40° S. and 50° S.

OCTOBER—ZONE 13.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure: Mean at Level of Station.	Pressure: Mean at M.S.L.	Pressure: Diff. from Normal.	Temperature: Mean Max.	Temperature: Absolute Max.	Temperature: Date.	Temperature: Mean Min.	Temperature: Absolute Min.	Temperature: Date.	Temperature: *Mean.	Temperature: Diff. from Normal.	Temperature: †24 hr. Mean.	Precipitation: Total.	Precipitation: Diff. from Normal.
		° S.	° W.	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.
1301	Chatham Island	43 52	170 42	46	..	..	..	286·5	289·1	22nd	280·7	275·2	three times	283·6	+0·3	..	80	+ 22
1302																		
1321	Punta Corona	41 47	73 52	48	..	..	..	286·1	290·4	22nd	280·8	277·4	18th	283·5	+0·6	*282·9*	72	− 50
1322	Punta Galera	40 1	73 44	40	1015·1	1020·0	+1·5	286·6	290·8	sev. dates	280·8	277·0	18th	283·7	+0·4	*282·8*	60	− 56
1323	Bahia Blanca	38 45	W62 12	20	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1324																		
1365	Hobart	42 53	E147 22	53·9	..	1009·9	0·0	289·1	300·8	17th	280·4	274·8	11th	284·8	−0·4	*284·0*	57	+ 3
1366	Launceston	41 27	147 10	9·4	..	1010·3	..	290·1	295·7	17th	279·6	273·6	11th, 12th	284·8	..	..	60	− 8
1369																		
1370	Dunedin	45 52	170 31	91	..	1009·2	+0·6	289·3	295·2	20th	279·6	274·7	6th	284·4	+0·9	..	45	− 35
1371	Christchurch	43 32	172 38	7·6	..	1010·6	+0·4	292·3	298·6	17th	279·9	271·0	7th	286·1	+1·4	..	5	− 37
1372	Wellington	41 16	174 46	33·5	..	1014·3	+2·7	288·4	291·3	25th	283·7	277·4	7th	286·1	+0·7	..	100	− 7
		S.	E.															

* Mean of max. and min. or of observations at fixed hours

† Computed means for the 24 hours are in *italics*.

OCTOBER—ZONE 14

Table representing the Meteorology of the Globe between Latitude 50° S. and 60° S.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure. Mean at Level of Station.	Pressure. Mean at M.S.L.	Pressure. Diff. from Normal.	Temperature. Mean Max.	Temperature. Absolute Max.	Temperature. Date.	Temperature. Mean Min.	Temperature. Absolute Min.	Temperature. Date.	Temperature. *Mean.	Temperature. Diff. from Normal.	Temperature. †24 hr. Mean.	Precipitation. Total.	Precipitation. Diff. from Normal.
		° S. ′	° W. ′	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.
1421	Islota de los Evangelistas .	52 24	75 6	55	999·3	1006·1	+2·5	280·0	282·2	sev. dates	276·3	273·4	14th	278·1	−0·7	*277·5*	322	+ 82
1422	Puerto de Punta Arenas .	53 10	70 54	4	1003·0	1003·5	+4·2	284·1	289·0	21st	278·0	274·0	sev. dates	281·1	+1·7	*281·0*	76	+ 55
1423	Punta Dungeness . .	52 24	68 26	5	1005·4	1006·0	+3·4	..	..	..	276·7	273·4	15th	281·1	..	..	4	− 6
1425	Cape Pembroke . . .	51 41	57 42	15	1006·4	1008·2	+3·3	281·4	286·3	7th	275·4	271·3	28th	278·4	+0·1	278·4	..	..
1426	Stanley, Falkland Is. .	51 41	57 51	4	..	..	..	..	..	..	..	..	..	..	..	..	1	− 42
1429	S. Georgia (Cumberland Bay)	54 14 S.	36 34 W.	3	..	..	..	..	..	..	..	..	..	..	..	..	..	..

OCTOBER—ZONE 15. Between Latitude 60° S. and 70° S.

		° S. ′	° W. ′	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.
1527 1528	South Orkneys . . .	60 44	44 39	6·9	991·7	992·6	−0·3	272·6	277·0	31st	266·7	254·1	1st	269·7	+0·8	269·8	16	− 16

* Mean of max. and min. or of observations at fixed hours. † Computed means for the 24 hours are in *italics*.

DAILY OBSERVATIONS OF WIND WITHIN THE TROPICS.—OCTOBER 1910.

Date.	St. Helena.* 1035. Direction.	St. Helena.* 1035. Mean Velocity for the Day.	Fanning Island. 805. Direction and Force.		Sierra Leone. 834. Direction and Force.		Malden Island. 905. Direction and Force.		Tulagi. 969. Direction and Force.	Ocean Island. 970. Direction and Force.		Suva, Fiji. 1072. Direction.	Suva, Fiji. 1072. Mean Velocity for the Day.
	9 a.m.	m/s.	9 a.m.	9 p.m.	9 a.m.	5 p.m.	9 a.m.	8 p.m.	9 a.m.	9 a.m.	9 p.m.	9 a.m.	m/s.
1	SE by S	..	SE 4	SE 4	W 4	W 4	E 4	E 2	SE 4	E 3	E 4	..	5·6
2	SE	10·0	SE 4	SE 4	N 2	W 4	E 4	E 1	Calm 0	E 2	E 3	..	5·0
3	SE by S	6·2	SE 4	SE 4	Calm 0	Calm 0	SE 4	E 2	Calm 0	E 3	E 2	..	3·5
4	SSE	7·6	SE 4	SE 4	Calm 0	W 3	SE 4	SE 2	SE 3	E 2	E 4	..	2·8
5	SE by S	13·4	SE 4	SE 4	Calm 0	W 4	S 4	E 3	SE 4	E 3	E 2	..	2·3
6	SE by S	12·8	S 4	S 4	E 2	W 4	SE 4	E 2	SE 2	E 2	E 3	..	2·4
7	SE	14·4	SE 2	S 4	E 3	Calm 0	SE 4	E 1	Calm 0	E 3	E 3	..	2·0
8	SE	10·8	SE 4	SE 2	N 2	W 4	E 3	E 1	S 2	E 3	E 4	..	1·3
9	SE	8·0	SE 4	SE 4	E 3	W 2	E 3	E 2	Calm 0	E 5	E 3	..	1·3
10	SE by S	7·8	SE 4	SE 4	N 3	W 3	E 3	E 3	Calm 0	E 3	E 2	..	2·1
11	SE	7·5	SE 4	SE 4	Calm 0	W 3	E 3	E 2	Calm 0	E 2	E 3	..	2·0
12	SE by S	..	SE 4	SE 4	N 2	W 4	E 3	E 1	S 2	E 3	E 2	..	2·0
13	(SE)	..	SE 4	SE 2	E 3	W 4	E 3	SE 2	S 2	E 3	E 3	..	2·2
14	(SE)	..	SE 4	SE 4	N 2	W 4	E 3	E 2	SE 3	E 4	E 2	..	2·7
15	SE	11·2	E 5	E 5	E 2	W 4	E 3	E 3	SE 5	E 4	SE 2	..	2·4
16	SE	10·8	E 4	E 4	E 3	W 2	E 4	E 2	S 4	E 3	E 2	..	5·1
17	SE	8·8	SE 4	SE 4	W 2	W 2	NE 3	E 1	S 3	E 2	E 3	..	7·0
18	SE	8·3	SE 4	SE 2	Calm 0	W 4	NE 3	NE 1	SE 2	E 2	E 2	..	5·0
19	SE	10·3	SE 2	E 2	E 2	Calm 0	NE 3	E 2	Calm 0	E 3	E 3	..	3·8
20	SE	11·3	SE 2	SE 2	E 2	W 3	E 3	E 2	Calm 0	E 3	E 2	..	3·3
21	SE by S	13·7	SE 2	Calm 0	Calm 0	W 3	E 3	E 1	Calm 0	E 2	E 2	..	6·1
22	SE	13·9	S 2	S 2	Calm 0	Calm 0	E 3	E 2	SE 3	E 4	E 3	..	4·2
23	SE	12·9	SE 2	SE 4	Calm 0	W 3	E 3	E 1	SE 3	E 5	E 2	..	4·2
24	SE	11·6	SE 4	SE 2	W 2	W 3	E 3	E 2	SE 2	E 2	E 3	..	4·2
25	SE by S	9·0	SE 4	SE 2	E 2	W 4	E 3	E 2	SE 4	E 3	E 2	..	5·1
26	SE by S	5·3	SE 4	SE 4	E 2	W 3	E 4	E 2	ESE 4	E 2	E 3	..	5·4
27	SE by S	3·4	E 4	E 4	E 3	W 3	E 4	E 2	ESE 4	E 2	E 2	..	3·3
28	SE by S	3·3	SE 4	SE 4	W 3	W 2	E 3	SE 3	ESE 4	E 2	E 3	..	4·7
29	SE	4·0	E 5	E 4	E 3	W 3	SE 5	E 3	ESE 5	E 3	E 2	..	6·5
30	SE by S	6·7	E 4	E 4	NE 2	W 2	SE 5	E 2	SE 4	E 3	E 3	..	5·5
31	SE	5·8	E 4	E 2	Calm 0	W 3	SE 5	SE 2	SE 5	E 2	E 2	..	4·6
Mean for Month	..	9·2	3·7	3·3	1·7	2·8	3·5	1·9	2·5	2·8	2·6	..	3·8
Deviation from Normal	..	+0·5	..	..	..	..	−0·2		..	+0·7		..	..

* Direction and velocity of the South-East Trade Wind at 620 metres.

STATE OF ICE IN THE ARCTIC SEAS AND IN THE NORTH ATLANTIC.—OCTOBER 1910.

**Spitsbergen.*—"The bays were frozen, with open water in the offing."

**Iceland and Denmark Strait* were ice-free.

North Atlantic and Labrador.—"The Newfoundland Banks were ice-free, but bergs were met with from the mouth of the Belle Isle Strait E.N.E. to 53° N. 50° W. (normal limits 48½° N. 49° W.)."

**Davis Strait and Baffin Bay.*—"There were many icebergs round C. Farewell and up to Arsuk. During the month a mass of Storis travelled from C. Farewell to Arsuk. *Hudson Strait* was ice-free, but ice-bergs extended to 120 miles off Labrador coast."

* *Isforholdene i de arktiske Have, 1910, 1911*, issued by the Danish Meteorological Institute.

RÉSEAU MONDIAL, NOVEMBER 1910

TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE FOR THE MONTH OF NOVEMBER 1910 BY MEANS OF STATIONS SELECTED AT THE RATE OF TWO FOR EACH TEN-DEGREE SQUARE.

NOVEMBER—ZONE 1.

Between Latitude 80° N. and 70° N.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure. Mean at Level of Station.	Pressure. Mean at M.S.L.	Pressure. Diff. from Normal.	Temperature. Mean Max.	Temperature. Absolute Max.	Temperature. Date.	Temperature. Mean Min.	Temperature. Absolute Min.	Temperature. Date.	Temperature. *Mean.	Temperature. Diff. from Normal.	Temperature. †24 hr. Mean.	Precipitation. Total.	Precipitation. Diff. from Normal.
		° N. ′	° W. ′	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.
123	North Star Bay . .	76 30	68 55	6·5	1031·0	1031·9	..	..	..	..	..	..	..	..	..	*255·5*	13	..
124																		
125	Upernivik	72 47	W56 7	18·9	1026·3	1028·8	+20·3	267·1	272·2	1st, 2nd	261·8	256·2	30th	264·5	+1·6	*264·7*	1	− 22
126																		
139	Spitsbergen . . .	78 2	E 14 14	11·4	..	..	..	..	..	..	..	..	..	..	..	..	..	..
140																		
141	Gjesvaer	71 6	25 22	6·5	1014·2	1015·0	+10·2	..	274·4	23rd	..	261·5	12th	..	−2·0	*269·4*	48	− 23
142	Mehavn	71 1	27 47	6·4	1015·0	1015·8	..	..	274·7	26th	..	260·2	12th	..	..	*269·0*	100	+ 19
143	Vardö	70 22	31 8	10·0	1015·1	1016·4	+10·4	..	274·8	26th	..	263·1	15th	..	−0·2	*270·5*	71	+ 11
144																		
147																		
148		N.	E.															

NOVEMBER—ZONE 2.

Between Latitude 70° N. and 60° N.

		N.	W.															
203	Nome	64 30	165 24	6·7	..	1009·1	..	269·8	275·2	2nd	263·0	250·2	14th	266·4	..	..	25	..
204																		
205	Tanana	65 12	152 0	? 73·8	..	?1015·6	..	259·1	267·4	20th	250·3	239·7	11th	254·7	..	..	8	..
206																		
207	Valdez	61 6	146 13	8·2	..	1009·5	..	273·9	280·8	1st	266·6	257·4	12th	270·2	..	..	37	..
208	Eagle	64 46	141 12	248	..	1014·5	..	261·0	271·9	17th	250·6	239·7	10th	255·8	..	..	6	− 7
209	Dawson	64 4	139 20	321	977·3	1019·7	+ 4·6	259·3	268·0	1st	252·9	241·3	29th	256·1	+1·3	..	37	+ 18
210	Carcross	60 11	134 34	662	..	..	..	267·1	281·3	1st	259·9	246·3	30th	263·5	..	..	24	..
211																		
212	Fort Simpson . . .	61 52	121 35	129	1004·0	1021·3	..	261·5	266·3	1st	256·2	245·8	30th	258·9	+4·1	*259·0*	26	− 2
213	Hay River . . .	60 51	115 20	161	1002·0	1023·3	..	265·0	273·6	15th	257·2	249·7	14th, 23rd	261·1	+1·9	..	5	..
225	Jacobshavn . . .	69 13	51 2	12·6	1023·4	1025·0	+18·3	264·3	271·0	1st	259·4	254·6	8th	261·9	−2·0	*262·0*	1	− 16
226	Godthaab . . .	64 11	51 44	9	1016·4	1017·6	+13·9	269·8	275·2	19th, 20th	265·6	260·6	7th	267·7	−0·5	*267·6*	12	− 39
229	Angmagsalik . . .	65 37	37 34	31·7	..	..	..	..	..	..	..	..	..	..	..	..	..	..
230																		
231	Stykkisholm . . .	66 5	22 46	11·3	1014·4	1016·0	+12·6	273·1	279·5	24th	269·0	262·5	17th	271·1	−2·3	*271·4*	29	− 29
232	Vestmanno . . .	63 26	20 15	7·7	1011·6	1012·6	+13·1	275·9	281·0	24th, 25th	270·8	264·6	17th	273·4	−2·3	*273·5*	107	− 14
233	Grimsey (Akureyri) .	66 33	17 58	6·8	1016·6	1017·5	+12·4	272·6	278·6	26th	269·2	263·6	7th	270·9	−1·8	*271·4*	2	− 42
234	Berufjord . . .	64 40	14 19	18·0	1011·9	1014·2	+ 9·8	274·1	280·4	2nd, 3rd	269·3	263·8	8th, 20th	271·7	−1·9	*271·9*	79	− 38
235	Thorshavn . . .	62 3	W 6 45	25·7	1003·8	1007·0	+ 0·6	277·4	282·0	4th	272·1	268·5	19th	274·8	−2·8	..	72	−103
236																		
237	Bergen (Met. Obs.) .	60 24	E 5 19	44·4	993·8	999·3	− 9·8	..	282·6	15th	272·8	267·9	13th	..	−1·8	*275·2*	58	−148
238	Christiansund . .	63 7	7 45	17·8	999·4	1001·5	− 5·8	..	282·6	15th	274·0	268·7	14th	..	−0·5	*275·9*	51	− 60
239	Trondhjem . . .	63 26	10 25	39·5	999·0	1003·9	− 4·6	..	280·9	15th	269·6	260·8	13th	..	−0·9	*272·5*	36	− 72
240	Bodö	67 17	14 24	20·5	1005·4	1008·0	+ 1·8	..	276·0	22nd	268·8	259·8	13th	..	−1·6	*272·0*	6	−120
241	Haparanda . . .	65 50	24 9	9·2	1010·5	1011·7	+ 1·6	270·5	274·5	17th	265·5	252·5	14th	268·0	+0·5	*268·5*	81	+ 34
242	Helsingfors . . .	60 10	24 57	11·7	..	1009·0	− 3·6	274·3	278·1	9th	271·1	264·3	6th	272·7	−0·1	273·0	133	+ 72
242a	Kuopio	62 54	27 40	99·7	..	1013·8	+ 0·9	273·0	276·9	18th	268·2	260·5	1st	270·6	−0·1	*269·9*	64	..
243	Kola	68 53	33 1	6·7	..	1017·5	+ 8·9	..	272·8	27th	..	246·4	14th	..	+0·1	*266·2*	41	+ 26
244	Petrozavodsk . .	61 47	34 23	38·9	..	1016·4	+ 3·0	..	275	..	..	258	..	..	+0·3	*269·4*	..	..
245	Arkhangelsk . . .	64 33	40 32	6·7	..	1019·8	+ 8·9	..	275	..	..	256	..	..	−0·4	*266·7*	20	− 7
246	Velsk	61 5	42 7	? 83	..	..	..	..	..	..	..	..	..	..	..	..	..	..
247	Oust-Tsylma . . .	65 27	52 10	? 25	..	1024·2	+14·6	..	275	..	..	245	..	..	−1·9	*260·8*	..	..
248	Troitsko-Petcherskoe .	62 42	56 13	? 123	..	..	..	..	..	..	..	..	..	..	..	..	..	..
249	Berezov	63 56	65 4	39·9	..	..	..	..	..	..	..	..	..	..	..	..	..	..
250	Obdorsk	66 31	66 35	23·7	..	..	..	..	..	..	..	..	..	..	..	..	..	..
251	Sourgout	61 15	73 24	? 40	..	..	..	..	..	..	..	..	..	..	..	..	..	..
252																		
253	Touroukhansk . . .	65 55	87 38	? 40	..	..	..	..	..	..	..	..	..	..	..	..	..	..
254	Doudinka	69 7	87 0	? 20	..	..	..	..	..	..	..	..	..	..	..	..	..	..
261	Olekminsk	60 22	120 26	? 135	..	..	..	..	..	..	..	..	..	..	..	..	..	..
262	Iakoutsk	62 1	129 43	? 108	..	..	..	..	..	..	..	..	..	..	..	..	..	..
263	Verkhoïansk . . .	67 33	133 24	? 100	..	..	..	..	..	..	..	..	..	..	..	..	..	..
264	Oust-Maïskoe . . .	60 25	134 29	? 100	..	..	..	..	..	..	..	..	..	..	..	..	..	..
271	Markovo sur Anadyr .	64 45	177 50	? 20	..	..	..	..	..	..	..	..	..	..	..	..	..	..
272	Novo-Mariinskii Post	64 45	177 33	5·2	..	..	..	..	..	..	..	..	..	..	..	..	..	..
		N. ° ′	E. ° ′	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.

* Mean of max. and min. or of observations at fixed hours. † Computed means for the 24 hours are in *italics*.

NOVEMBER—ZONE 3.

Table representing the Meteorology of the Globe between Latitude 60° N. and 50° N.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure: Mean at Level of Station.	Pressure: Mean at M.S.L.	Pressure: Diff. from Normal.	Temperature: Mean Max.	Temperature: Absolute Max.	Temperature: Date.	Temperature: Mean Min.	Temperature: Absolute Min.	Temperature: Date.	Temperature: *Mean.	Temperature: Diff. from Normal.	Temperature: †24 hr. Mean.	Precipitation: Total.	Precipitation: Diff. from Normal.
301																		
302		° N. ′	° W. ′	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.
303	Dutch Harbour	53 54	166 32	4·0	..	998·3	..	277·2	281·3	1st	270·8	268·0	19th	274·0	..	..	200	..
304																		
305																		
306																		
307																		
308																		
309	Sitka	57 4	135 20	27	..	1005·4	+ 1·4	279·4	285·8	2nd	273·2	263·6	28th	276·3	−0·4	..	123	−126
310	Prince Rupert	54 18	130 18	52	..	1006·8	..	279·2	281·9	1st	274·4	264·7	29th	276·8	..	..	233	..
311	Barkerville	53 2	121 35	1274	..	1012·2	..	271·8	276·3	2nd, 10th	265·4	255·2	27th	268·6	−2·0	*268·6*	77	− 3
312	Kamloops	50 41	120 29	380	..	1012·2	− 4·4	279·3	286·6	2nd	272·9	267·7	26th	276·1	+1·4	*276·0*	17	− 11
313	Calgary	51 2	114 2	1033	..	1014·5	− 2·8	274·4	285·8	2nd	265·6	261·3	29th, 30th	270·0	+0·6	*270·0*	9	− 10
314	Fort Chipewyan	58 42	111 10	218	991·7	1020·0	..	266·5	274·7	15th	257·8	?	?	262·2	..	*262·4*	8	..
315	Prince Albert	51 10	106 0	437	..	1016·9	+ 2·0	267·7	285·8	23rd	260·8	253·3	28th	264·2	−1·2	*263·8*	31	+ 6
316	Qu'Appelle	50 30	103 47	645	..	1017·6	+ 1·0	268·1	280·8	6th	261·1	250·8	28th	264·6	−2·3	*263·9*	50	+ 25
317	Minnedosa	50 15	99 50	515	..	1018·3	..	268·6	273·4	22nd	260·7	250·9	18th	264·7	−2·3	*264·1*	39	+ 13
318	Berens River	52 18	97 23	216	..	..	..	268·3	277·4	1st	262·0	252·4	15th, 30th	265·2	..	*264·6*	66	..
318a	York Factory	57 0	92 28	11	1016·3	1017·7	+ 1·8	..	272·4	11th	263·4	254·7	21st	..	..	*266·8*	..	..
319	Fort Hope	51 32	87 48	? 270	983·0	1017·5	..	268·7	274·1	23rd	263·4	256·3	9th	266·1	+0·2	..	56	+ 19
320	Moose Factory	51 16	80 56	9	1012·1	1013·3	..	272·8	276·9	2nd	266·1	258·0	4th	269·5	+2·6	..	11	− 28
321																		
322																		
323	Hebron	58 12	62 21	15·0	1017·0	1018·9	+10·4	272·4	277·7	..	270·5	266·1	..	271·5	+4·9	..	..	..
324	Nain	56 33	61 41	4·2	1015·4	1015·9	+ 6·8	273·4	277·0	..	270·9	265·8	..	272·2	+6·4	..	..	..
325																		
326	Point Riche	50 42	57 25	10·7	..	..	..	..	286·9	4th	..	269·1	25th	275·3	+2·1	..	131	+ 10
327																		
328																		
329																		
330																		
331																		
332																		
333																		
334	Valencia	51 56	10 15	13·7	1004·6	1006·2	− 6·6	282·6	286·3	23rd	277·5	272·4	16th	280·1	−1·6	280·5	146	+ 2
335	Aberdeen	57 10	2 6	27·4	997·5	1000·8	− 9·6	278·6	281·3	13th, 14th	274·2	269·7	23rd	276·4	−2·1	276·4	141	+ 59
336	Greenwich	51 28	W 0 0	48	998·4	1004·3	−10·1	280·4	285·8	1st	273·2	267·4	23rd	276·8	−2·5	276·8	91	+ 34
337	Uccle	50 48	E 4 22	100	992·5	1004·9	−10·0	279·6	284·8	14th	274·1	268·6	26th	276·9	−2·1	276·8	115	+ 45
338	De Bilt	52 6	5 11	3·0	1003·2	1003·6	−11·6	280·2	284·8	14th	273·3	267·7	26th	276·8	−2	276·4	111	+ 53
338a	Hamburg	53 33	9 59	26·0	999·6	1002·8	−12·3	278·4	284·3	14th	273·9	268·4	28th	276·2	−1·3	276·1	45	− 3
339	Copenhagen	55 41	12 36	5·0	1001·4	1002·0	−11·2	278·4	282·0	1st, 2nd	274·8	269·9	25th	276·6	+0·3	*276·8*	69	+ 21
340	Potsdam	52 23	13 4	84·9	994·1	1004·7	−10·7	277·3	283·3	8th	272·6	267·6	26th	275·0	−0·9	274·9	77	+ 37
340a	Upsala	59 51	17 38	24·0	1001·2	1004·2	− 7·7	275·2	279·4	8th	270·1	258·0	27th	272·7	0·0	272·9	101	+ 59
341	Warsaw	52 15	21 1	127	991·9	1007·7	− 9·1	277·2	283·0	8th	273·1	267·5	26th	275·2	+0·8	*276·2*	31	− 5
342	Jurjev	58 23	26 43	74·5	1001·7	1011·2	− 3·2	273·2	277·7	17th	269·3	264·2	15th	271·3	+0·9	271·3	33	− 12
343	Petrograd	59 56	30 16	4·8	..	1013·5	− 0·2	..	276	..	..	263	..	..	−0·9	*270·6*	35	− 1
344	Kiev	50 27	30 30	183·1	991·1	1013·8	− 5·4	278·1	286·7	10th	272·4	261·9	29th	275·3	+1·4	275·5	59	+ 22
344a	Moscow	55 45	37 34	156	1000·6	1020·4	+ 2·0	273·6	281·0	13th	269·6	258·1	28th	271·6	+3·0	271·5	77	+ 37
345	Saratov	51 32	46 3	59·9	..	1026·6	+ 5·0	..	286	..	..	254	..	..	+0·2	*271·6*	39	+ 3
346	Kazan	55 47	49 8	79·8	1018·6	1028·9	+ 8·7	..	283·3	8th	..	253·0	29th	..	+0·4	*269·5*	39	+ 13
347	Orenburg	51 45	55 6	114·1	..	1032·4	+ 8·1	..	283	..	..	251	..	..	+0·4	*269·0*	39	+ 6
348	Perm	58 1	56 15	163·0	..	1028·8	+10·6	..	277	..	..	245	..	..	−0·8	*266·0*	66	+ 31
349	Ekaterinburg	56 50	60 38	288·9	..	1030·7	+10·2	..	279	..	..	240	..	..	+0·1	*265·7*	29	+ 13
350	Tobolsk	58 12	68 14	108·3	..	..	..	..	..	..	..	..	..	..	..	..	..	..
351	Akmolinsk	51 12	71 23	? 347	..	..	..	..	..	..	..	..	..	..	..	..	..	..
352	Omsk	54 58	73 23	90	..	1031·5	+ 7·6	..	276·2	15th	..	236·2	26th	..	−2·3	*261·7*	..	..
353	Barnaoul	53 20	83 47	162·2	..	1034·1	+ 5·5	..	275·8	1st	..	230·3	26th	..	−3·8	*260·3*	19	− 4
354	Tomsk	56 30	84 58	121·6	..	1030·0	+ 5·0	..	275·5	4th	..	226·7	25th	..	−3·9	*257·1*	48	+ 9
355	Minousinsk	53 43	91 41	? 245	..	..	..	..	..	..	..	..	..	..	..	..	..	..
356	Eniseisk	58 27	92 11	84·4	..	..	..	..	..	..	..	..	..	..	..	..	..	..
357	Irkutsk	52 16	104 19	467·0	..	1034·7	+ 5·6	..	277·6	3rd, 4th	..	233·8	27th	..	−4·3	*258·2*	11	− 2
358	Kirensk	57 47	108 7	? 263	..	..	..	..	..	..	..	..	..	..	..	..	..	..
359	Tchita	52 2	113 30	663·7	..	1031·6	..	..	271·7	16th	..	242·6	26th	258·4	..	..	3	..
360	Blagoveshchensk Priisk	58 10	114 17	? 490	..	..	..	..	..	..	..	..	..	..	..	..	..	..
360a	Nertchinsk	51 59	116 35	484·3	..	1026·0	− 1·3	..	274·7	4th	..	240·1	29th	..	+4·3	*258·0*	..	..
361	Tygan Ourkan	54 5	124 46	? 370	..	..	..	..	269·6	6th	249·6	235·7	28th	..	..	*255·7*	8	..
362	Blagoveshchensk	50 15	127 38	133·6	..	..	..	..	..	..	..	..	..	..	..	..	..	..
363	Paikanskii Sklad	50 11	130 7	? 168	..	..	..	..	278·6	7th	253·0	232·6	26th, 27th	..	..	*259·6*	18	..
364																		
365	Nikolaevsk-sur-Amour	53 8	140 45	21·2	..	..	..	..	274·8	2nd	..	247·0	27th	..	+0·6	*263·4*	0	− 35
366	Okhotsk	59 21	143 17	6·0	..	..	..	..	..	..	..	..	..	..	..	..	..	..
367																		
368	Petropavlovsk Phare	52 53 N.	158 47 E.	87·1	..	..	..	..	..	..	..	..	..	..	..	..	..	..
369																		
370																		
371																		
372		° ′	° ′	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.

* Mean of max. and min. or of observations at fixed hours.

† Computed means for the 24 hours are in *italics*.

NOVEMBER—ZONE 4.

Table representing the Meteorology of the Globe between Latitude 50° N. and 40° N.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure: Mean at Level of Station.	Pressure: Mean at M.S.L.	Pressure: Diff. from Normal.	Temperature: Mean Max.	Temperature: Absolute Max.	Temperature: Date.	Temperature: Mean Min.	Temperature: Absolute Min.	Temperature: Date.	Temperature: *Mean.	Temperature: Diff. from Normal.	Temperature: †24 hr. Mean.	Precipitation: Total.	Precipitation: Diff. from Normal.
		° N. ′	° W. ′	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.
411	Victoria, B.C.	48 24	123 19	25·9	1010·1	1013·3	−1·7	282·0	285·7	1st	277·3	273·7	26th	279·7	−1·0	279·8	196	+ 42
412	Portland, Oregon	45 32	122 41	46·6	1011·3	1016·9	−2·4	283·9	291·3	9th	278·4	274·1	15th	281·2	+0·7	*280·9*	209	+ 45
413	Macleod	49 44	113 24	954	..	..	..	283·9	289·7	3rd	268·1	253·6	27th	273·0	+1·8	*272·9*	25	+ 6
414	Helena	46 34	112 4	1253	872·4	1017·3	−2·0	278·1	289·1	10th	270·1	256·3	27th	274·1	+0·7	*273·9*	42	+ 23
414a	Salt Lake City	40 46	111 54	1329	868·6	1017·6	−2·4	286·1	294·1	2nd	276·1	268·0	27th	281·1	+3·4	*280·9*	25	− 11
415	Cheyenne	41 8	104 48	1856	811·9	1016·6	−1·7	283·2	291·9	25th	270·8	258·6	27th	277·0	+2·4	*276·7*	7	− 3
416	North Platte	41 8	100 45	859	918·0	1019·6	+1·0	284·6	295·8	8th	267·9	261·3	18th	276·2	+1·5	*275·7*	3	− 7
416a	Bismarck	46 47	100 38	510·6	957·3	1020·0	+1·7	274·7	290·2	8th	265·3	254·7	30th	270·0	+0·3	*269·7*	4	− 14
417	Winnipeg	49 53	97 7	231·6	..	1018·6	+0·7	269·6	276·3	8th	262·9	250·4	29th	266·3	−0·9	266·1	32	+ 5
418	Duluth	46 47	92 6	345·1	974·4	1017·3	0·0	271·2	278·6	24th	265·8	258·6	30th	268·5	−3·0	*268·5*	30	− 10
419	Port Arthur	48 27	89 12	196·3	..	1015·9	−1·7	273·7	279·1	1st	266·3	259·7	8th	270·0	−0·2	*269·9*	33	+ 2
420	Chicago	41 53	87 37	250·9	985·6	1016·2	−2·0	278·6	292·4	9th	271·9	266·3	30th	275·3	−1·8	*275·3*	33	− 30
421	Toronto	43 40	79 24	106·7	997·8	1011·2	−5·1	277·9	286·7	1st	272·6	269·4	5th	275·2	−0·8	274·7	64	− 0
422	New York	40 43	74 0	95·7	997·8	1009·5	−9·5	281·2	291·3	2nd	275·4	271·3	20th	278·3	−1·3	278·7	117	+ 30
423	St. John, N.B.	45 17	66 4	21·3	..	1006·1	−8·2	278·5	283·8	2nd	273·7	269·4	21st	276·1	+0·5	*276·2*	52	− 68
424	S. W. Point, Anticosti	49 24	63 35	9·1	1005·1	1006·3	−6·7	276·9	281·6	..	272·3	267·4	..	274·6	+2·4	..	101	+ 30
425	Sable Island (Main Station)	43 57	60 6	7·6	1004·4	1005·3	..	281·9	288·6	..	278·4	274·1	..	280·2	+0·3	..	175	+ 31
426	St. Johns, Newfoundland	47 34	52 42	38·1	..	1003·7	−9·0	281·6	288·6	5th	276·7	271·9	17th	279·1	+3·1	..	258	+105
435	Madrid	40 24	3 41	655·4	942·4	1019·8	+1·1	286·1	290·7	1st	275·8	271·0	20th	281·0	−0·8	280·7	56	+ 7
436	Nantes	47 15	W 1 34	41·4	1003·8	1008·9	−7·8	284·4	288·3	1st	277·6	272·1	20th	281·0	−0·4	*280·9*	226	+146
437	Paris (Parc St. Maur)	48 49	E 2 29	50·3	1001·0	1007·2	−9·1	281·7	286·8	1st	274·8	269·4	23rd	278·3	−0·7	278·1	114	+ 69
438	Marseilles	43 18	5 23	75	1002·8	1012·0	−2·8	286·3	291·8	8th	277·9	272·0	23rd	282·1	−1·4	*281·5*	84	− 1
438a	Zürich	47 23	8 33	493·2	951·7	1011·8	−2·1	279·8	288·8	9th	273·4	268·5	24th	276·6	−0·2	276·4	171	+100
439	Rome	41 54	12 29	63·4	..	1008·8	−9·5	287·2	292	sev. dates	281·1	273	21, 23, 24	284·2	−0·5	*284·0*	123	+ 7
440	Vienna	48 15	16 22	202·5	984·0	1010·3	−7·8	278·9	287·1	1st	274·7	270·4	25th	276·8	+2·4	276·7	98	+ 56
440a	Buda-Pesth	47 30	19 2	112·5	994·2	1013·3	−7·5	279·7	287·8	1st	274·1	266·0	22nd	276·9	−0·3	*276·7*	81	+ 28
441	Bucharest	44 25	26 6	82	1003·1	1013·3	−7·5	283·7	295·4	6th	275·0	268·1	26th	279·4	+1·3	*278·7*	30	− 17
442																		
443	Odessa (University)	46 29	30 46	65·3	1005·6	1013·7	−6·3	282·6	290·9	3rd	277·3	269·3	29th	280·0	+2·2	*280·1*	26	− 12
444	Kharkov (University)	50 0	36 14	140	..	1017·5	−3·4	..	293	..	..	261	..	275·3	+1·5	*275·2*	110	+ 70
444a	Novorossiisk	44 40	37 49	37	..	1015·5	−5·2	..	293	..	..	272	..	284·7	+3·4	*284·6*	103	+ 43
445	Tiflis	41 43	44 48	409	..	1022·2	−0·5	..	294	..	..	269	..	281·3	+0·6	*281·2*	102	+ 72
446	Astrakhan	46 21	48 2	−14	..	1023·9	+0·5	..	289	..	..	260	..	277·8	+1·6	277·7	6	− 4
447	Fort Alexandrovsk	44 31	50 16	24	..	..	..	..	..	..	..	..	..	..	..	..	..	..
448	Krasnovodsk	40 0	52 59	−15	..	1021·2	−1·2	..	295	..	..	262	..	285·4	+1·6	*285·4*	..	..
449	Tachkent	41 20	69 18	478·3	..	1026·8	+0·1	..	296·4	3rd	..	252·2	28th	..	−0·3	*279·4*	0	− 25
450	Irgiz	48 37	61 16	112	..	..	..	..	..	..	..	..	..	..	..	..	..	..
451	Narynskoe	41 26	76 2	?2015	..	..	..	..	..	..	..	..	..	..	..	..	..	..
452	Vernyi	43 16	76 53	824·8	..	..	..	..	..	..	..	..	..	..	..	..	..	..
461	Mukden	41 48	123 23	43·8	1018·0	1023·6	−0·7	276·0	288·6	6th	266·7	260·3	19th	271·4	+0·2	271·1	8	− 15
462	Joshin	40 40	129 11	4·0	1018·3	1018·8	−0·8	282·7	291·5	2nd	272·6	266·1	18th	277·7	+1·2	277·1	38	− 15
463	Vladivostok	43 7	131 54	15·7	..	1020·3	−1·3	..	286·0	5th	..	259·8	29th	..	+2·8	*274·2*	3	− 9
464																		
465	Ochiai	47 20	142 44	15·0	1011·3	1013·2	..	275·9	285·8	2nd	266·6	249·9	29th	271·3	..	271·2	136	..
466	Nemuro	43 20 N.	145 35 E.	26·7	1010·7	1014·0	−0·2	280·7	287·6	13th	273·1	264·4	28th	276·9	−0·2	277·0	47	− 36

Between Latitude 40° N. and 30° N.

NOVEMBER—ZONE 5 (Western Half).

511	San Francisco	37 48	122 26	47·2	1013·2	1018·9	0·0	288·7	297·4	1st	282·7	279·7	26th	285·7	−0·4	*285·2*	12	− 56
512	San Luis Obispo	35 18	120 39	61·3	1011·1	1018·6	+0·7	292·4	299·7	23rd	281·3	273·6	27th	286·9	+0·4	*286·5*	7	− 44
513	Modena	37 48	113 54	1670	834·7	1017·6	−1·0	285·8	293·0	2nd	271·2	265·8	27th	278·5	+1·7	278·2	26	+ 11
514	San Diego	32 43	117 10	26·5	1013·5	1016·6	0·0	291·7	296·3	3rd	284·0	279·1	27th	287·8	−0·2	*287·5*	10	− 10
515	Santa Fé	35 41	105 57	2138	788·0	1018·6	+1·7	284·9	290·2	3rd	271·7	268·6	30th	278·3	+1·9	*277·9*	22	+ 2
516	Denver	39 45	105 0	1613	836·7	1015·9	−2·0	287·4	296·9	3rd	273·7	267·4	27th	280·6	+3·6	*280·3*	4	− 9
517	Abilene	32 23	99 40	529·6	956·1	1017·9	−0·3	292·7	300·8	13th	280·1	271·3	28th	286·4	+1·9	*286·1*	10	− 22
518	Saint Louis	38 38	90 12	172·8	996·7	1017·6	−1·7	283·3	295·8	9th	273·8	266·9	30th	278·6	−0·8	*278·4*	8	− 65
519	Mobile	30 41	88 2	17·4	1016·1	1018·3	−1·4	292·7	298·6	25th	283·1	276·9	30th	287·9	+0·7	*287·6*	53	− 42
520	Nashville	36 10	86 47	166·4	998·3	1018·6	−1·4	286·8	294·1	27th	274·6	269·7	30th	280·7	−1·6	*280·6*	30	− 67
521	Charleston	32 47	79 56	14·6	1013·6	1015·2	−4·7	290·4	297·4	25th	280·7	275·8	30th	285·6	−1·9	*285·4*	41	− 32
522	Washington	38 54	77 3	34·1	1008·4	1012·8	−7·1	282·2	291·9	10th	274·3	268·0	21st	278·2	−2·0	*278·2*	58	− 11
523																		
524	Bermuda	32 17	64 30	46·0	..	1012·8	−6·6	294·3	297·0	4th	288·9	282·7	27th	291·6	−1·5	..	84	− 26
531	Horta	38 32	28 38	30	..	1017·6	−1·6	292·8	294	sev. dates	289·8	287	9th, 13th	291·3	+1·2	..	104	+ 17
532	Ponta Delgada	37 45	25 41	17	1017·2	1019·2	−0·4	292·2	293·9	15th	289·5	286·1	9th	290·9	+1·1	..	146	+ 39
533	Madeira (Funchal)	32 38	16 55	25	1017·6	1020·5	+2·3	294·2	297·1	12th	285·6	283·6	17th	289·9	−0·1	*290·9*	257	+127
534	Lisbon	38 43	9 9	95	1009·1	1020·6	+2·9	289·5	292·6	1st	284·5	279·8	20th	287·0	+0·2	*286·8*	121	+ 6
535	Casablanca	33 37	7 35	? 17	1018·6	1020·6	..	292·6	298·6	..	287·3	283·7	..	290·0	+0·4	*289·3*	75	+ 5
536	Gibraltar	36 6 N.	5 21 W.	16·2	1015·8	1017·7	+1·1	292·6	296·9	1st, 12th	..	..	..	..	−0·3	*288·3*	29	−133
		° ′	° ′	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm

* Mean of max. and min. or of observations at fixed hours.

† Computed means for the 24 hours are in *italics*.

NOVEMBER—ZONE 5 (Eastern Half).

Table representing the Meteorology of the Globe between Latitude 40° N. and 30° N.

No.	Name of Station	Latitude.	Longitude.	Height.	Pressure: Mean at Level of Station.	Pressure: Mean at M.S.L.	Pressure: Diff. from Normal.	Temperature: Mean Max.	Temperature: Absolute Max.	Temperature: Date.	Temperature: Mean Min.	Temperature: Absolute Min.	Temperature: Date.	Temperature: *Mean.	Temperature: Diff. from Normal.	Temperature: †24 hr. Mean.	Precipitation: Total.	Precipitation: Diff. from Normal.
		° N. ′	° E. ′	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.
537	Algiers	36 47	3 4	38·5	1012·9	1017·5	+0·7	293·9	299·4	5th	287·1	283·8	20th	290·5	+0·1	*290·2*	31	− 85
538	Palma	39 33	2 42	23	1012·6	1015·3	−0·4	291·1	295·0	3rd	285·2	281·0	17th	288·1	+1·1	..	19	− 27
538*a*	Tunis	36 48	10 10	43	..	1019·1	+2·4	295·4	305	5th	282·3	274	20th	288·8	+0·8	..	58	+ 4
539	Malta	35 54	14 31	59	..	1018·0	−0·4	295·5	300	5th, 6th	287·7	283	20th	291·6	+1·2	..	47	− 40
540	Catania	37 30	15 3	64·9	1007·7	1015·5	−1·3	292·0	300·4	6th	283·3	278·0	20th	287·7	−0·6	..	37	− 75
541	Athens	37 58	23 43	107·1	..	1015·2	−2·1	290·7	298	1st, 3rd	283·9	277	25th, 26th	287·3	0·0	*286·9*	33	− 42
542	Alexandria	31 9	29 54	32·0	..	1019·2	+1·3	296·5	303	3rd	288·9	285	25th	292·7	−0·4	*292·2*	30	− 8
543	Cairo (Helwan)	29 52	31 20	115·6	..	1018·7	+0·1	296·2	302	3rd	285·9	281	30th	291·0	−0·9	290·9	2	+ 1
544	Nicosia	35 12	33 24	152	..	1017·6	+0·5	295·0	301·9	5th	279·8	273·0	27th	287·4	−1·0	*287·7*	4	− 51
544*a*	Beirut	33 54	35 28	52·4	..	1017·1	+0·4	295·2	300	9th	288·8	284	27th, 30th	292·0	−0·2	..	119	− 19
545	Baghdad	33 21	44 28	38·7	1014·3	1018·9	+0·3	297·7	303·7	1st	283·1	276·8	18th	290·4	+0·6	..	20	0
546	Lenkoran	38 46	48 52	−19	..	1021·1	−0·9	..	297	..	..	273	..	..	0·0	*284·6*	45	− 136
547	Busrah	30 31	47 53	7·6	1017·2	1018·0	−1·0	296·6	302·1	1st	287·4	283·2	18th	292·0	−0·3	..	80	+ 57
548	Meshed	36 16	59 35	946	910·8	1020·9	..	291·6	299·3	1st	268·4	259·0	28th	280·0	−1·4	..	0	− 15
549	Quetta	30 11	67 3	1677	836·8	..	−0·6	292·1	297·5	3rd	271·9	268·4	15th, 21st	282·0	−0·2	*281·7*	0	− 7
550																		
551	Lahore	31 34	74 20	214	990·9	1016·4	−0·6	301·7	306·3	4th	282·2	277·6	26th	292·0	+0·5	*290·9*	0	− 1
551*a*	Simla	31 7	77 8	2205	782·6	..	−1·0	285·8	289·2	8th	279·3	277·2	20th	282·6	−0·7	*282·3*	0	− 11
552	Leh	34 10	77 42	3503	667·5	..	−1·2	280·7	286·1	10th	266·1	262·2	22nd, 25th	273·4	−0·7	*272·3*	0	− 1
552*a*	Dehra Dun	30 20	78 0	681	938·0	1016·0	−1·0	297·1	299·1	1st, 5th	283·3	278·8	28th	290·2	−0·3	*289·8*	0	− 8
559	Hang Kow	30 35	114 17	37·0	1019·5	1024·0	−1·2	288·5	294·4	4th, 5th	281·6	272·9	18th	285·1	0·0	*284·6*	30	+ 1
560	Tiensin	39 10	117 10	5·0	1024·5	1025·1	−0·6	282·2	292·4	6th	272·0	264·2	17th	277·1	−0·5	..	12	0
561	Shanghai (Zi-Ka-Wei)	31 12	121 26	7	1021·0	1021·8	−1·2	290·9	297·4	6th	280·5	269·5	18th	285·7	+0·6	284·7	103	+ 57
562	Jinsen (Chemulpo)	37 29	126 32	67·0	1012·9	1021·3	−1·4	283·6	292·0	1st	275·8	268·4	19th	279·7	−0·5	279·8	77	+ 37
562*a*	Nagasaki	32 44	129 52	133·0	1003·8	1019·9	−0·8	289·8	296·2	1st	281·8	276·4	20th	285·8	−0·4	285·3	126	+ 38
563	Kioto	35 1	135 46	49·4	1013·5	1019·6	−0·2	290·6	296*e*2	1st	275·8	270·4	19th	283·2	−0·1	282·3	64	− 18
564	Tokio	35 41	139 45	21·3	1014·8	1017·4	0·0	289·0	293·9	13th	278·9	273·9	21st	284·0	+0·3	283·4	47	− 58
565	Miyako	39 38	141 59	30·4	1013·3	1017·0	−0·2	286·8	294·9	13th	275·3	266·9	29th	281·1	−0·3	280·0	102	+ 21
566		N.	E.															

NOVEMBER—ZONE 6.

Between Latitude 30° N. and 20° N.

No.	Name of Station	Latitude.	Longitude.	Height.	Pressure: Mean at Level of Station.	Pressure: Mean at M.S.L.	Pressure: Diff. from Normal.	Temperature: Mean Max.	Temperature: Absolute Max.	Temperature: Date.	Temperature: Mean Min.	Temperature: Absolute Min.	Temperature: Date.	Temperature: *Mean.	Temperature: Diff. from Normal.	Temperature: †24 hr. Mean.	Precipitation: Total.	Precipitation: Diff. from Normal.
		N.	W.															
605	Honolulu	21 19	157 52	11·6	1015·1	1016·4	+0·2	299·5	301·9	..	293·9	291·9	..	296·7	+0·3	...	77	− 55
606																		
615	Zacatecas	22 47	102 33	2610	747·9	..	..	289·2	292·2	5th	280·9	274·8	30th	285·1	..	..	1	..
616	Leon	21 7	101 41	1798·6	823·0	..	−0·7	296·6	299·2	27th	281·4	277·5	1st	289·0	+0·2	..	1	− 11
617	Galveston	29 18	94 50	16·5	1016·3	1018·3	−0·7	294·2	298·6	27th	289·1	280·8	28th	291·7	+1·5	*291·8*	24	− 78
618	New Orleans	29 58	90 4	15·6	1016·4	1018·3	−1·0	293·8	300·8	10th	285·3	279·7	29th	289·6	+1·7	*289·2*	77	− 19
619	Havana	23 8	82 22	24·3	..	1016·4	+0·2	297·5	300·2	28th	291·6	287·5	6th, 14th	294·6	−1·5	*294·6*	51	− 28
620	Key West	24 33	81 48	6·7	1015·4	1016·2	−0·3	297·0	299·1	17th	291·6	287·4	6th	294·3	−2·2	*294·2*	34	− 26
621	Nassau, Bahamas	25 5	77 21	7·6	1013·5	1014·3	−2·3	298·9	300·8	8th, 10th	293·3	291·1	15th	296·1	−1·0	..	23	− 66
622																		
633	Puerto de Orotava	28 25	16 32	? 100	..	..	..	295·5	299·3	..	289·8	287·1	..	292·7	+0·6	..	14	− 47
634	Las Palmas, Canary Islands	28 7	W15 26	7	1018·5	1019·3	+0·4	299·1	303·8	12th	290·6	288·0	12th	294·9	+1·2	..	1	− 51
637	Insalah	27 17	E 2 27	330	983·6	1021·9	+1·1	302·9	311·0	1st, 4th	286·1	278·5	24th	294·5	+1·3	*294·0*	0	..
638																		
641	Dakhla Oasis	25 30	29 0	130·0	..	1021·6	+1·2	302·4	315	6th	284·9	282	13th	293·6	−0·3	*293·8*	..	..
642	Wadi Halfa	21 55	31 20	128·3	..	1017·5	+0·8	301·4	306	8th, 9th	285·9	279	30th	293·6	−1·4	*293·8*	..	..
643	Suez	29 57	32 32	3·4	..	1018·4	+0·8	297·9	303	3rd	286·8	282	27th, 28th	292·4	+0·2	..	0	− 1
644	Aswan	24 2	32 53	99·6	..	1017·0	+1·2	302·2	307	9th	288·1	283	30th	295·2	−0·6	*295·6*	..	..
647	Bushire	28 59	50 53	4	1015·5	1016·1	−1·5	298·4	301·8	1st, 2nd	289·1	284·4	19th	293·8	−0·5	..	8	− 32
648	Jask	25 44	57 47	4	1015·3	1015·7	−1·5	301·7	306·5	10th	293·6	290·1	13th	297·7	+0·2	..	1	− 7
649	Kurrachee	24 53	66 57	4	1015·2	1015·7	−0·4	302·2	306·6	7th	292·0	289·1	21st, 22nd	297·1	+0·3	*296·8*	0	− 1
650	Hyderabad, Sind	25 24	68 18	29	1011·9	1015·2	−0·7	305·1	308·6	2nd	288·2	284·7	4 days	296·7	+0·3	..	0	− 2
651	Jaipur	26 56	75 52	436	966·6	1016·8	−0·5	302·7	307·6	1st	283·9	279·7	23rd	293·3	−1·1	*292·4*	0	− 4
652	Nagpur	21 8	79 5	310	979·8	1015·7	−0·2	301·0	304·7	1st	287·0	281·8	25th	294·0	−1·6	*293·7*	92	+ 75
653	Allahabad	25 25	81 51	94	1004·0	1015·1	−1·1	299·6	305·3	2nd	286·0	281·1	26th, 30th	292·8	−0·8	*291·9*	91	+ 83
654	Calcutta	22 36	88 23	6	1013·5	1014·3	−0·7	301·1	303·1	15th	290·2	284·1	30th	295·7	−0·2	*295·4*	0	− 14
655	Gauhati	26 8	91 41	59	1008·2	1015·2	..	300·5	303·4	7th	289·1	285·8	25, 26, 30	294·8	..	..	13	+ 5
655*a*	Cherrapunji	25 15	91 42	1314	868·6	..	..	292·2	294·5	4 days	..	..	..	..	..	..	91	+ 25
656	Shillong	25 33	91 48	1500	851·2	..	..	292·1	295·2	8th	281·1	277·3	25th	286·6	..	..	28	− 9
656*a*	Akyab	20 11	92 56	6	1011·8	1012·5	−1·1	301·4	303·8	8th, 12th	294·1	290·8	17th	297·8	−0·9	*297·4*	264	+ 163
657	Phu Lien	20 48	106 37	115·6	1002·1	1015·7	−1·6	298·2	303·9	2nd	291·6	288·0	18th	294·9	−0·2	293·9	51	− 21
658	Moncay	21 31	107 51	10	1014·8	1017·4	0·0	289·0	293·9	13th	278·9	273·9	21st	284·0	+0·3	*283·5*	115	+ 60
659																		
660	Hong Kong	22 18	114 10	33·2	..	1016·2	−1·5	295·9	301·6	2nd	291·2	284·6	19th	293·6	−0·3	293·4	64	+ 27
661	Taihoku, Formosa	25 2	121 31	9·3	1016·5	1017·6	−1·1	296·7	302·5	1st	289·5	279·8	11th	293·1	+0·1	292·7	95	+ 20
662	Naha	26 13	127 41	10·5	1016·3	1017·6	+0·1	296·5	301·0	1st	290·8	287·7	20th	293·7	−0·3	293·5	91	− 40
		° N. ′	° E. ′	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.

* Mean of max. and min. or of observations at fixed hours.

† Computed means for the 24 hours are in *italics*.

NOVEMBER—ZONE 7.

Table representing the Meteorology of the Globe between Latitude 20° N. and 10° N.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure: Mean at Level of Station.	Pressure: Mean at M.S.L.	Pressure: Diff. from Normal.	Temperature: Mean Max.	Temperature: Absolute Max.	Temperature: Date.	Temperature: Mean Min.	Temperature: Absolute Min.	Temperature: Date.	Temperature: *Mean.	Temperature: Diff. from Normal.	Temperature: †24 hr. Mean.	Precipitation: Total.	Precipitation: Diff. from Normal.
		° N. ′	° W. ′	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.
715	Zapotlanejo	19 38	103 37	..	..	..	..	..	302·0	..	..	278·0	..	..	..	..	4	..
716	Morelia	19 42	101 7	1951	..	..	..	295·9	297·2	27th	280·1	276·0	17th	288·0	..	*288·0*	7	..
717	Salina Cruz	16 12	95 12	56·3	1006·8	1013·3	..	..	304·4	28th	..	293·0	7th	..	..	*298·6*	0	..
718	Mexico	19 26	99 8	2280	780·7	..	..	293·7	296·5	18th	280·7	277·6	1st, 12th	287·2	+0·3	287·0	1	− 9
718*a*	Oaxaca	17 4	96 44	1563	847·4	..	..	300·0	303·0	27th	282·4	279·6	5th	291·2	..	*290·8*	0	..
719	Belize	19 29	88 12	1·9	..	..	..	..	301·9	..	..	293·0	..	..	..	..	131	− 170
720	San Salvador	13 44	89 9	..	..	..	..	302·1	303·9	6th	294·4	291·3	5th	298·3	−0·8	*297·7*	88	+ 6
721	Jamaica (Negril Point)	18 15	78 23	10·1	1008·6	1012·9	+0·2	303·9	305·5	..	294·4	292·7	..	299·2	−0·1	298·6	70	+ 8
722	Port au Prince	18 34	72 22	37·4	1010·4	1011·1	..	302·2	303·5	..	297·0	295·5	..	299·6	..	..	109	..
723	St. Croix (Christiansted)	17 45	64 42	6·6	993·8	1011·7	+0·7	301·7	303·0	5th	296·6	294·7	29th, 30th	299·2	−0·1	*298·6*	240	+ 37
724	Grenada (Richmond Hill)	12 3	61 45	155·8	..	1012·2	+2·4	302·3	304·2	..	297·9	294·1	..	300·1	+0·7	*299·9*	62	− 110
725	Barbados	13 8	59 36	55·2	..	..	..	..	..	..	..	..	..	..	..	..	..	..
731	St. Vincent, C. Verde Is.	16 54	25 4	11	1012·6	1013·8	+0·4	300·6	302·8	9th	296·4	293·0	5th	298·5	+0·7	..	0	− 13
732	San Tiago, C. Verde Is.	14 54	23 31	34	1011·2	1015·1	..	302·3	304·4	14th	296·8	295·0	5th	299·5	+1·3	..	0	− 12
733	Bathurst	13 24	16 36	1·5	..	1011·7	−0·4	305·4	308·0	27th	295·8	293·0	17th	300·6	+1·4	*300·8*	0	− 7
734	M'Carthy Island	13 42	14 46	1·1	..	..	..	307·8	309·7	29th	292·4	285·8	29th	300·1	−0·4	..	8	+ 2
735	Ségou	13 34	6 17	272	..	..	..	308·8	311·0	8th	291·0	288·9	10th	299·9	..	..	0	..
736	Timbouctoo	16 43	W 2 52	250	..	..	..	..	..	..	..	..	..	..	..	..	..	..
737	Sokoto	13 2	E 5 14	354	..	..	..	306·2	308·6	2nd	291·6	289·1	21st	298·9	−0·9	..	0	0
738	Kontagora	10 24	5 29	400	..	..	..	308·2	310·2	6th	286·9	284·7	25th	297·6	−0·6	..	0	− 1
739	Maiduguri	11 48	13 12	361	..	..	..	307·3	309·1	4, 9, 14	287·9	284·7	7th	297·6	−1·8	..	0	0
740	Katagum	12 17	10 22	402	..	..	..	303·2	305·2	3, 4, 5	289·3	286·3	11th	296·3	−1·5	..	0	0
742	Kadugli	11 2	29 45	503	..	..	..	308·4	309·5	sev. dates	288·5	282·5	6th	298·5	..	..	0	..
743	El Obeid	..	1014·2	+0·4	306·5	309	8th, 11th	288·4	284	29th	297·4	−0·6	*298·0*	? 2	+ 2			
744	Khartoum	15 37	32 33	390	..	1012·6	+1·4	306·9	311	10th	292·4	287	30th	299·6	−0·6	*299·7*	0	0
746	Aden	12 45	45 3	28·7	1011·9	1015·1	−0·1	302·8	306·5	4th	296·8	295·2	19th	299·8	+0·3	*299·2*	2	− 2
751	Bombay	18 54	72 49	11·3	1012·2	1013·4	−0·5	302·8	304·4	1st	295·2	292·7	27th	299·0	−0·7	*298·6*	4	− 6
752	Mysore	12 18	76 40	768	927·8	1012·7	−0·7	299·5	301·3	13th	290·4	285·2	30th	295·0	−0·9	*294·4*	33	− 20
752*a*	Kodaikanal	10 13	77 28	2343	770·5	..	−1·5	288·8	294·4	30th	282·8	279·9	19th	285·8	−0·4	285·4	290	+ 125
753	Madras	13 4	80 14	6·7	1011·7	1012·4	−0·5	301·5	304·9	14th	294·9	289·9	27th	298·2	−0·7	297·8	401	+ 76
754	Waltair	17 45	83 16	68·9	1005·9	1013·8	?−0·3	300·6	303·3	14th	294·4	289·1	27th	297·5	..	*297·1*	97	+ 16
755	Port Blair	11 40	92 40	17·7	1008·6	1010·7	−1·0	302·8	303·9	1st	297·6	295·5	28th	300·2	−0·6	*299·8*	267	+ 15
756	Rangoon	16 46	95 48	5·5	1011·4	1012·1	−1·2	303·8	305·3	3rd	296·1	292·9	30th	300·0	+0·3	*299·1*	107	+ 47
757	Saigon	10 46	106 42	11·2	..	..	..	..	..	..	..	..	..	..	..	..	50	− 47
758	Nhatrang	12 16	109 12	6·8	1009·0	1009·7	−2·2	302·7	305·5	17th	295·3	292·3	14th	299·0	+0·3	..	315	− 23
759	Bolinao	16 24	119 53	7·5	..	1007·8	−2·2	304·5	307·0	8th, 15th	296·3	293·0	30th	300·4	−0·2	299·8	22	− 27
760	Vigan	17 34	120 23	20	..	1008·5	−1·9	304·5	309·5	2nd	296·1	293·8	30th	300·3	−0·1	299·7	41	+ 21
761	Manila	14 35	120 59	14·2	..	1008·3	−1·8	303·6	306·2	3rd	295·5	293·4	22nd	299·6	−0·4	298·6	185	+ 52
762	Ormoc	11 0	124 36	5·6	..	1007·1	−1·8	..	..	..	..	..	..	..	..	..	279	+ 59
765	Guam, Ladrone Is.	13 24	144 38	20·4	..	1007·9	+0·2	302·4	304·0	12th	297·8	296·0	1st	300·1	+0·1	..	172	− 3
		N	E.															

Between Latitude 10° N. and 0°.

NOVEMBER—ZONE 8.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure: Mean at Level of Station.	Pressure: Mean at M.S.L.	Pressure: Diff. from Normal.	Temperature: Mean Max.	Temperature: Absolute Max.	Temperature: Date.	Temperature: Mean Min.	Temperature: Absolute Min.	Temperature: Date.	Temperature: *Mean.	Temperature: Diff. from Normal.	Temperature: †24 hr. Mean.	Precipitation: Total.	Precipitation: Diff. from Normal.
		N.	W.															
805	Fanning Island	3 55	159 23	4·3	..	..	..	302·5	303·3	7th, 8th	297·8	296·3	2nd	300·2	−0·9	*299·2*	35	− 41
819	Culebra	9 10	79 40	52·4	..	..	..	..	..	..	..	..	..	..	..	..	275	− 42
823	El Peru, Guayanavieja	7 30	62 0	? 300	..	..	..	304·3	305·9	14th	293·2	292·1	6, 21, 23	298·8	..	..	118	..
825	Georgetown, Brit. Guiana	6 50	58 12	1·8	1011·2	1011·4	−0·3	303·6	304·7	9th, 12th	296·6	295·3	15th	300·1	+0·1	..	96	− 42
826	Paramaribo	5 49	55 9	4	1011·4	1011·8	+0·1	303·7	306·4	2nd	295·4	294·0	21st	299·6	−0·5	*299·3*	193	+ 58
826*a*	Cayenne	4 56	52 21	6	..	..	..	303·6	305·4	13th	296·2	294·8	29th	299·9	−0·5	*300·4*	285	+ 168
833	Conakry	9 31	13 43	16	1009·5	1011·3	+0·6	304·1	306·2	..	296·6	294·3	..	300·4	+0·2	*300·7*	20	− 98
834	Sierra Leone	8 30	13 9	68·3	1002·9	1010·8	−0·2	304·8	307·1	13th	295·9	293·0	19th	300·3	−0·1	..	58	− 82
835	Cape Coast Castle	5 5	1 13	..	..	..	..	303·2	304·1	sev. dates	295·3	294·1	sev. dates	299·2	−1·0	..	24	− 36
836	Accra	5 35	W 0 6	18	..	..	..	..	..	..	..	..	..	..	..	..	41	+ 3
837	Lagos	6 27	E 3 24	7·6	..	1010·1	−0·7	303·7	305·2	..	296·7	294·7	..	300·2	−0·2	..	47	− 15
838	Zungeru	9 48	6 10	130	..	1011·4	−0·4	308·6	309·7	5, 20, 27	289·9	286·9	8th, 9th	299·2	−0·2	..	0	− 2
838*a*	Libreville	0 23	9 26	35	..	..	..	302·0	303·3	22nd	294·9	293·3	22nd	298·5	−0·2	..	363	+ 13
839	Yola	9 12	12 30	259	..	..	..	308·1	309·7	3rd	293·2	289·7	8th, 9th	300·7	−0·1	..	0	− 1
841	Kafia Kingi	9 22	24 18	596	946·3	1013·1	..	..	..	..	..	..	..	296·8	..	..	0	..
842	Wau	7 42	28 3	440	..	1010·3	..	307·1	308·5	12th, 18th	291·8	288·0	7th	299·5	..	..	0	− 22
843	Entebbe	0 5	32 29	1171	883·1	..	−0·1	299·3	301·3	28th	290·2	288·6	8th, 30th	294·7	0·0	*293·6*	86	− 50
844	Nandi	0 2	35 5	2010	..	..	..	..	..	..	..	..	..	55	− 37			
845	Harrar	9 42	42 30	1856	..	..	..	299·3	301·0	3rd, 6th	286·2	285·0	sev. dates	292·8	..	..	2	..
851	Cothin	10 0	76 21	2·7	1011·7	1011·9	−0·1	302·7	303·9	20, 25, 30	296·1	293·7	8th	299·4	−0·8	*299·0*	340	+ 180
852	Colombo Observatory	6 54	79 53	7·3	1009·3	1010·1	+0·7	302·3	304·1	25th	295·9	293·1	28th	299·1	−1·0	*298·7*	179	− 150
853	Candy	7 18	80 40	504·5	..	..	..	300·1	302·4	13th	292·6	289·7	25th	296·3	−0·7	..	278	+ 20
855	Medan	3 35	98 41	23·5	..	1010·0	−0·2	..	..	..	..	..	..	..	..	..	280	+ 37
856	Kota Radja	5 32	95 20	7·1	..	1010·4	+0·4	..	..	..	..	..	..	..	..	..	219	+ 36
857	Penang	5 34	100 20	4·9	1010·6	1011·1	+1·1	302·7	305·2	1st, 11th	296·3	295·2	6, 17, 30	299·5	−0·7	..	514	+ 234
858	Singapore	1 17	103 51	2·2	1009·0	1009·2	−0·1	304·4	306·1	12th	296·6	295·8	13th	300·5	+0·9	..	230	− 10
860	Sandakan	5 49	118 12	..	..	..	..	303·7	305·2	18, 20, 23	296·8	295·8	10th	300·3	+0·3	..	109	−265
861	Tagbilaran	9 38	123 51	26·2	..	1006·3	−2·2	..	..	..	296·5	294·7	11th	..	..	*299·4*	214	+ 20
862	Surigao	9 48	125 29	6	..	1006·9	−1·8	302·1	305·0	13th	296·2	294·5	11th	299·2	−0·5	298·9	694	+274
863	Yap	9 29	138 8	31·9	..	1005·2	−1·2	303·5	305·0	2nd	297·7	295·8	15th	300·6	+0·1	..	257	+ 43
869	Uyelang	9 42	161 3	< 10	1007·9	..	−1·1	..	..	..	..	..	..	..	..	..	251	+ 30
		° N. ′	° E. ′	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.

* Mean of max. and min. or of observations at fixed hours.

† Computed means for the 24 hours are in *italics*.

NOVEMBER—ZONE 9. Table representing the Meteorology of the Globe between Latitude 0° and 10° S.

No.	Name of Station.	Latitude.	Longitude.	Height	Pressure. Mean at Level of Station.	Pressure. Mean at M.S.L.	Pressure. Diff. from Normal.	Temperature. Mean Max.	Temperature. Absolute Max.	Temperature. Date.	Temperature. Mean Min.	Temperature. Absolute Min.	Temperature. Date.	Temperature. *Mean.	Temperature. Diff. from Normal.	Temperature. †24 hr. Mean.	Precipitation. Total.	Precipitation. Diff. from Normal.
		° S. ′	° W. ′	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.
905	Malden Island	3 59	155 0	8·8	1009·3	1010·3	+0·4	304·9	305·8	10th, 11th	297·1	296·3	18th, 28th	301·0	−0·1	*300·3*	1	− 17
906																		
923	Manaos	3 8	59 59	44·9	1002·3	1007·4	..	305·8	308·2	11th	296·8	295·0	20th	301·3	..	..	178	+ 42
929	Quixeramobim	5 16	39 18	207·0	987·7	1011·1	+1·6	306·4	307·6	7th	297·8	296·8	18th	302·1	+0·1	*301·5*	23	..
930	Fernando Noronha	3 51	W32 25	95	..	..	..	..	..	..	..	..	..	..	..	..	..	..
939	Sainte-Croix-des-Eshiras	1 44	E10 21	195	..	..	..	305·3	307·8	17th	294·0	293·0	20th	299·7	+0·1	..	222	−103
940	Loango	4 38	11 45	? 50	..	..	..	302·0	304·2	6th, 7th	295·7	293·4	21st	298·9	..	*298·4*	113	..
943	Daressalam	6 49	39 18	7·6	1012·3	1013·1	0·0	302·2	303·0	27th, 30th	295·0	293·4	1st	298·6	−0·6	298·9	15	− 39
944	Nairobi	1 18	36 59	1660	..	..	..	295·7	301·1	2nd	284·4	280·5	4th	290·1	−0·8	..	129	− 28
944*a*	Zanzibar	6 10	39 11	21·9	1013·2	1015·7	+1·0	301·9	303·7	3rd	298·7	297·3	8th	300·3	+0·4	*299·4*	190	− 29
945																		
946	Lamu	2 16	40 54	3·0	..	..	..	..	..	..	..	..	..	..	..	..	15	− 18
947	Seychelles	4 37	55 27	4·6	1011·9	1012·5	+0·6	301·7	302·8	..	297·8	296·1	..	299·8	+0·7	*299·0*	229	− 12
948																		
955																		
956	Padang	0 56	100 22	6·7	..	1010·1	−0·9	..	..	..	..	..	..	..	..	..	597	+ 91
957	Batavia	6 11	106 50	8	..	1009·1	−0·8	303·8	307·3	7th	296·6	295·8	4, 20, 23	300·2	+0·3	299·5	64	− 70
958	Pontianak	0 1	109 20	2·6	..	1008·5	−0·8	..	..	..	..	..	..	..	..	..	289	− 99
959	Passeroean	7 39	112 56	5·0	1007·8	1008·3	−1·2	304·1	305·5	..	296·5	295·5	..	300·3	..	*300·0*	78	+ 13
960	Kajoemas	7 56	114 9	950	..	..	..	..	..	..	..	..	..	..	..	..	..	..
961	Koepang	10 10	123 34	3·3	..	1007·1	−0·8	..	..	..	..	..	..	..	..	..	268	+167
962	Ambon	3 42	128 10	4·2	..	1007·4	−1·2	..	..	..	..	..	..	..	..	..	178	+ 69
965	Daru	9 4	143 13	8	..	1009·5	−1·4	302·9	..	..	296·7	..	..	299·8	−0·4	..	119	+ 44
966	Port Moresby	9 29	147 9	39	..	1009·1	−1·0	304·1	..	..	297·6	..	..	300·9	+0·3	..	183	+131
967	Rakuranga	4 13	152 8	? 120	..	..	..	303·8	307·0	..	294·7	292·0	..	299·3	..	..	158	..
968	Rendova	8 24	157 19	..	..	..	..	..	..	..	..	..	..	..	..	..	316	− 83
969	Tulagi, Brit. Solomon Is.	9 5	160 8	2·1	1006·7	1006·9	−1·5	303·8	305·8	5th, 26th	297·2	296·9	sev. dates	300·5	..	..	233	+ 16
970	Ocean Island	0 52	169 36	48·5	..	1009·8	+1·3	304·7	305·8	30th	298·7	298·0	22nd, 30th	301·7	+0·6	*300·9*	57	−102
		S.	E.															

NOVEMBER—ZONE 10. Between Latitude 10° S. and 20° S.

		S.	W.															
1001																		
1002	Apia, Samoa	13 49	171 45	4	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1003	Alofi, Niue Island	19 2	169 55	36·6	1010·3	1014·5	+0·5	303·3	308·6	30th	293·4	289·7	9th	298·4	+0·1	..	90	− 17
1004																		
1007	Makatea	15 47	148 14	39	1008·1	1012·6	+1·2	303·6	305·1	..	296·1	294·7	..	299·9	..	..	61	..
1008																		
1021	Puerto de Arica	18 28	70 20	5	1016·9	1017·5	..	293·1	294·2	sev. dates	286·5	284·4	10th	289·8	−1·7	*289·9*	..	..
1022	Arequipa	16 22	71 33	2451	760·8	..	+0·3	293·7	296·3	5th	281·9	279·7	19th, 20th	287·8	+0·3	..	0	− 1
1023																		
1024	Sucre, Bolivia	19 3	67 17	2844	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1025	Araguaya	15 33	52 59	488	..	..	..	..	..	..	..	..	..	297·6	−0·3	..	208	+ 18
1026	Cuyaba	15 35	56 0	235	989·5	1016·3	+0·1	303·1	305·9	9th	296·9	291·9	21st	300·0	−0·6	..	128	− 38
1027	Bello Horizonte	19 54	43 30	857	915·4	1010·3	..	299·1	306·5	..	?292·5	?290·2	..	?295·8	..	..	174	..
1028	Cætite	14 2	42 37	900	914·0	1013·8	..	300·4	306·2	10th	290·4	287·5	8th	295·4	..	..	184	..
1029	Ondina	13 0	38 30	45·2	1004·8	1010·0	..	299·8	301·6	3rd, 30th	295·6	293·6	15th	297·7	..	..	234	..
1030	Aracaju	10 55	37 4	4·3	1012·6	1013·1	..	301·1	302·4	7th, 30th	297·1	295·9	6th	299·1	..	..	19	..
1035	St. Helena	15 57	W 5 40	? 620	947·9	1019·9	+0·9	290·4	293·0	26th	285·2	284·2	1st	287·8	−0·6	*287·4*	27	− 17
1036																		
1041																		
1042	Gwelo	19 26	E30 2	1416	858·7	..	+0·6	298·9	306·1	..	285·6	279·9	..	292·3	−2·2	..	89	− 20
1043	Salisbury, Rhodesia	17 48	31 5	1487	857·5	..	+0·9	299·1	304·7	..	286·3	282·4	..	292·7	−1·9	..	68	− 31
1044	Zomba	15 23	35 18	954	906·8	1012·4	+1·4	301·7	305·8	4th	289·9	284·7	6th	295·8	−1·1	*293·9*	64	− 75
1045	Tamatave	18 9	49 26	4	1016·1	1016·5	+0·7	..	..	..	..	..	..	297·9	..	..	99	− 12
1046	Tananarivo	18 55	47 32	1400	865·8	..	+0·7	298·3	300·7	23rd, 24th	286·4	283·4	12th	292·4	−2·4	291·4	150	+ 36
1055	Cocos Keeling Is.	12 5	96 54	4·6	..	1010·7	−1·8	301·4	303·1	7th	297·4	296·2	22nd	299·4	−0·6	..	241	+136
1056																		
1057	Christmas Is.	10 25	105 43	5·5	1006·8	1007·4	−1·8	302·6	304·3	..	296·2	294·8	..	299·4	−0·8	..	246	− 2
1058																		
1061	Derby	17 18	123 40	16·2	..	1007·6	−1·4	307·5	311·8	8th	298·6	296·1	18th, 19th	303·1	−0·7	..	171	+146
1062	Hall's Creek	18 13	127 46	373·6	..	1007·5	−1·3	308·0	311·7	12th	296·6	292·7	7th	302·3	..	..	106	+ 73
1063	Port Darwin	12 28	130 51	29·6	..	1007·1	−1·4	306·5	308·6	1st	298·2	294·8	14th	302·3	−0·6	*301·2*	223	+ 92
1064	Daly Waters	16 16	133 23	210·6	..	1007·3	..	311·0	316·3	24th	296·9	291·9	15th	303·9	−0·4	*303·2*	58	+ 6
1065	Meiu	13 13	142 57	121·9	..	1006·8	..	307·2	309·9	25th	295·9	292·7	21st	301·6	..	..	63	− 8
1066	Georgetown, Queensland	18 23	143 33	301·8	..	1009·6	..	307·4	310·9	26th	294·9	291·4	22nd	301·2	..	..	75	+ 33
1067	Samarai	10 37	150 40	6·4	..	1004·0	−6·0	302·6	..	..	296·0	..	..	299·3	−0·1	..	243	+ 66
1068																		
1070	La Kolle	17 40	168 20	30	..	..	..	303·9	308·9	24th	293·6	290·0	1st	298·8	..	..	478	..
1072	Suva, Fiji	18 8	178 26	13·4	..	1012·2	−0·2	301·5	304·5	3rd	295·2	294·1	26th	298·4	+0·2	..	323	+ 83
		S. °	E. °	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.

* Mean of max. and min. or of observations at fixed hours. † Computed means for the 24 hours are in *italics*.

Table representing the Meteorology of the Globe between Latitude 20° S. and 30° S. NOVEMBER—ZONE 11.

No.	Name of Station.	Latitude.	Longitude.	Height	Pressure. Mean at Level of Station.	Pressure. Mean at M.S.L.	Pressure. Diff. from Normal.	Temperature. Mean Max.	Temperature. Absolute Max.	Temperature. Date.	Temperature. Mean Min.	Temperature. Absolute Min.	Temperature. Date.	Temperature. *Mean.	Temperature. Diff. from Normal.	Temperature. †24 hr. Mean.	Precipitation. Total.	Precipitation. Diff. from Normal.
		° S. ′	° W. ′	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.
1105	Rarotonga (Avarua)	21 12	159 47	..	..	..	..	299·0	300·8	1, 20, 25	293·1	288·0	9th	296·1	..	..	204	+ 51
1106																		
1115	Mataveri, Easter Island	27 10	109 26	30	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1116																		
1121	Punta Tortuga, Coquimbo	29 56	71 21	27	1012·1	1015·3	−0·5	293·4	297·0	sev. dates	284·9	284·0	sev. dates	289·1	+1·3	*288·7*	0	− 2
1122	Puerto de Antofagasta	23 38	70 25	4	1014·2	1014·6	−0·4	298·9	300·0	28th	286·3	285·6	1st	292·6	+0·7	*291·0*	3	+ 3
1125	Goya	29 9	59 15	64	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1126	Porto Alegre	30 1	51 13	24·5	1010·3	1013·2	..	300·5	310·5	25th	288·4	284·1	21st	294·5	..	*294·9*	47	− 1
1127	Curityba	25 25	49 15	908	912·6	1014·3	+0·4	298·7	305·3	26th	284·5	279·0	3rd	291·6	0·0	*291·0*	59	− 69
1128	Rio de Janeiro	22 54	W43 10	61	1005·6	1012·8	−0·2	..	302·6	..	..	289·9	..	..	−1·0	295·0	124	+ 15
1139	Windhuk	22 34	E17 6	1665·3	833·3	..	..	..	..	..	..	..	..	..	−1·1	294·9	..	..
1140																		
1141	Johannesburg	26 11	28 4	1806	..	..	..	294·7	299·1	16th	283·4	278·2	5th	289·1	+0·8	*288·7*	25	− 74
1142	Kimberley	28 42	28 47	1202	881·9	..	+1·2	301·2	..	..	284·5	..	..	292·9	−1·7	292·7	29	− 11
1142*a*	Pretoria	25 45	28 11	1339	..	..	..	299·4	304·6	18th	285·2	280·7	7th	292·3	−1·4	..	55	− 62
1143	Durban	29 51	31 0	80	1007·9	1017·3	+0·6	297·2	302·7	22nd	289·8	285·6	6th	293·5	−2·1	..	104	− 32
1144	Lorenzo Marques	25 58	32 36	59	..	1016·8	+1·7	300·2	308·4	8th	290·6	284·2	7th	295·4	−1·7	294·8	36	− 53
1147	Mauritius	20 6	57 33	54·3	1010·0	1016·4	+0·3	300·6	302·3	30th	293·0	289·4	14th	296·8	−0·6	296·4	44	− 4
1148																		
1159	Onslow	21 43	114 57	4·3	..	1007·4	−2·9	307·3	313·0	10th	291·7	287·3	1st	299·5	+0·1	..	0	− 1
1160	Peak Hill	25 38	118 47	588·3	..	1005·8	−3·3	306·8	312·2	18th	291·8	285·2	6th	299·3	−0·4	..	16	+ 12
1161	Nullagine	21 53	120 5	385·6	..	1006·4	−2·0	311·3	315·8	30th	294·0	286·0	8th	302·7	−0·1	..	12	+ 1
1162	Laverton	28 40	122 23	466·3	..	1010·3	−1·8	305·1	311·4	18th	288·9	281·3	6th, 7th	297·0	−0·3	..	4	− 9
1163	Alice Springs	23 38	133 37	587·0	..	1009·1	−0·1	304·9	312·4	23rd	290·2	285·2	6th	297·6	−2·0	*297·3*	29	+ 7
1164	William Creek	28 55	136 21	76·2	..	1011·6	..	304·7	312·2	18th, 28th	288·4	283·3	7th	296·6	..	*296·2*	2	− 9
1165	Boulia	22 55	139 38	145·7	..	1007·4	..	308·3	314·6	29th	293·4	287·6	7th	300·9	..	..	14	− 1
1166	Mitchell	26 32	147 52	337·1	..	1011·3	..	301·7	308·0	24th	287·8	281·6	22nd	294·8	..	..	74	+ 23
1167	Rockhampton	23 24	150 30	11·3	..	1012·8	..	302·7	309·1	21st	291·9	288·0	18th	297·3	..	..	106	+ 50
1168	Brisbane	27 28	153 2	41·7	..	1015·0	+0·4	300·0	307·8	25th	290·4	286·0	2nd, 3rd	295·2	−0·7	..	63	− 30
1169	Noumea	22 16	166 27	9	1009·5	1010·5	..	302·3	306·4	13th	293·7	290·8	4th	298·0	+1·2	..	177	+118
1170	Norfolk Island	29 4	167 58	..	..	..	..	..	..	..	..	..	..	..	..	..	239	+166
		S.	E.															

Between Latitude 30° S. and 40° S. NOVEMBER—ZONE 12.

		S.	W.															
1219																		
1220	Juan Fernandez	33 37	78 50	10	1017·4	1018·6	..	291·3	293·8	15th	..	..	..	288·8	..	..	4	− 42
1221	Punta Angeles, Valparaiso	33 1	71 38	41	1010·7	1015·6	−0·2	293·4	299·0	18th	284·5	282·8	3rd	288·9	−2·1	*287·1*	9	+ 4
1222	Santiago	33 27	70 42	520	954·1	1013·9	−0·5	..	303·8	19th	..	279·2	18th	289·8	+0·8	*290·0*	8	+ 2
1223	Cordoba	31 25	64 12	439	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1224	Buenos Ayres	34 16	64 11	25·2	1010·7	1013·7	−0·1	298·2	304·8	11th	286·2	279·0	19th	292·2	−1·1	292·2	51	− 25
1225	Rio Grande	32 2	52 6	2·3	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1226	Montevideo	34 52	W56 12	29·3	1011·2	1014·6	+2·0	298·1	307·8	24th	284·5	277·0	27th	291·3	−0·4	291·4	26	− 50
1239	Cape Town	33 56	E18 29	12	1015·8	1017·2	−1·8	295·2	306·2	..	285·5	281·4	..	290·3	0·0	*289·2*	37	+ 10
1240	Danger Point	34 37	19 18	20	..	..	..	292·4	300·8	19th	285·7	280·2	13th	289·1	..	..	44	..
1241	Heidelberg	34 5	20 58	1541	..	..	..	299·4	307·4	14th	284·1	278·6	13th	291·8	−0·8	..	22	− 19
1242	East London	33 2	27 55	10·1	1015·2	1016·4	+1·3	295·3	311·9	16th	287·2	281·9	19th	291·3	−0·5	..	31	− 31
1259	Perth (Observatory)	31 57	115 51	60·0	..	1013·7	−2·2	296·6	308·9	25th	285·8	280·2	6th	291·2	−0·3	..	17	+ 1
1260	Katanning	33 42	117 35	309·7	..	1012·6	−2·6	297·6	308·6	13th	282·0	275·8	11th	289·8	−0·7	..	30	+ 17
1261	Coolgardie	30 57	121 10	423·3	..	1011·1	−2·2	301·6	311·4	14th	285·3	280·2	5th, 6th	293·4	−1·1	..	15	0
1262	Eucla	31 45	128 58	4·6	..	1012·5	−2·2	298·2	313·5	27th	285·7	282·4	2nd	291·9	+0·1	..	45	+ 28
1263	Streaky Bay	32 48	134 13	13·1	..	1013·9	−1·2	297·5	308·6	22nd	285·5	279·7	20th	291·5	−0·9	..	19	+ 2
1264	Adelaide	34 56	138 35	42·7	..	1013·6	−1·4	297·8	307·3	16th	286·2	280·9	7th	292·0	−0·5	*291·5*	34	+ 7
1265	Melbourne	37 49	144 57	35·1	..	1013·0	−1·3	296·0	305·5	17th	284·8	277·1	1st	290·4	+1·2	*290·2*	59	+ 3
1266	Bourke	30 13	145 58	110·1	..	1014·1	+1·2	302·9	310·2	24th	288·9	282·4	13th	295·9	−2·6	..	62	+ 30
1267	Sydney	33 51	151 13	44·5	..	1015·4	+1·1	296·0	303·2	24th	287·5	282·9	3rd	291·8	−0·7	..	4	− 70
1268	Lord Howe Island	31 32	159 4	..	..	..	..	..	..	..	..	..	..	..	..	..	209	+ 96
1271	Auckland	36 50	174 50	38·1	..	1014·9	..	292·8	297·2	23rd	286·3	282·4	twice	289·6	+0·9	..	94	+ 10
1272																		
		S.	E.															

Between Latitude 40° S. and 50° S. NOVEMBER—ZONE 13.

		S.	W.															
1301	Chatham Island	43 52	170 42	46	..	..	..	287·8	291·9	twice	281·4	275·8	17th	284·6	+0·2	..	58	− 15
1302																		
1321	Punta Corona	41 47	73 52	48	..	..	..	286·6	289·4	sev. dates	282·0	279·0	9th	284·3	0·0	*283·3*	151	+ 45
1322	Punta Galera	40 1	73 44	40	1013·5	1018·4	+1·0	287·7	290·6	sev. dates	281·7	279·8	28th	284·7	+0·1	*283·7*	134	+ 35
1323	Bahia Blanca	38 45	W62 12	20	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1324																		
1365	Hobart	42 53	E147 22	53·9	..	1009·2	−1·3	293·4	302·4	16th	283·2	276·3	1st	288·3	+1·3	*287·5*	40	− 25
1366	Launceston	41 27	147 10	9·4	..	1010·9	..	292·9	300·6	28th	282·4	277·2	1st	287·7	..	..	56	+ 9
1369																		
1370	Dunedin	45 52	170 31	91	..	1012·6	+3·6	292·1	300·2	13th	280·7	275·8	2nd	286·4	+1·6	..	74	− 11
1371	Christchurch	43 32	172 38	7·6	..	1014·8	+4·8	293·7	300·3	19th	281·9	275·9	3rd	287·8	+1·5	..	14	− 36
1372	Wellington	41 16	174 46	33·5	..	1016·0	+5·1	291·2	297·4	22nd	284·7	278·7	17th	287·9	+1·0	..	99	+ 7
		S. °	E. °	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.

* Mean of max. and min. or of observations at fixed hours. † Computed means for the 24 hours are in *italics*.

NOVEMBER—ZONE 14. Table representing the Meteorology of the Globe between Latitude 50° S. and 60° S.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure: Mean at Level of Station.	Pressure: Mean at M.S.L.	Pressure: Diff. from Normal.	Temperature: Mean Max.	Temperature: Absolute Max.	Temperature: Date.	Temperature: Mean Min.	Temperature: Absolute Min.	Temperature: Date.	Temperature: *Mean.	Temperature: Diff. from Normal.	Temperature: †24 hr. Mean.	Precipitation: Total.	Precipitation: Diff. from Normal.
		° S. ′	° W. ′	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.
1421	Islota de los Evangelistas	52 24	75 6	55	995·1	1001·8	+1·4	281·0	283·8	29th	276·4	273·0	9th	278·7	−0·9	*278·3*	359	+ 93
1422	Puerto de Punta Arenas	53 10	70 54	4	997·4	997·9	+1·4	285·0	295·0	29th	277·0	273·0	sev. dates	281·0	−0·4	*281·2*	43	+ 4
1423	Punta Dungeness	52 24	68 26	5	999·1	999·7	+1·0	..	..	..	278·8	274·6	11th	282·8	..	..	3	..
1425	Cape Pembroke	51 41	57 42	15	998·0	999·8	+0·6	283·8	289·7	29th, 30th	276·6	274·1	11th	280·2	+0·7	280·3	..	..
1426	Stanley, Falkland Is.	51 41	57 51	4	..	..	..	..	..	..	..	..	..	..	..	..	36	− 18
1429	S. Georgia (Cumberland Bay)	54 14	36 34	3	994·4	994·8	+3·0	280·2	286·8	8th	274·0	271·0	7th	277·1	+0·9	*276·7*	75	− 41
		S.	W.															

NOVEMBER—ZONE 15. Between Latitude 60° S. and 70° S.

		S.	W.															
1527	South Orkneys	60 44	44 39	6·9	985·4	986·3	−2·3	273·2	275·8	18th, 21st	270·0	265·8	6th	271·6	+0·8	271·7	34	− 2
1528		° ′	° ′	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.

* Mean of max. and min. or of observations at fixed hours. † Computed means for the 24 hours are in *italics*.

DAILY OBSERVATIONS OF WIND WITHIN THE TROPICS.—NOVEMBER 1910.

Date.	St. Helena.* 1035. Direction.	St. Helena.* 1035. Mean Velocity for the Day.	Fanning Island. 805. Direction and Force.		Sierra Leone. 834. Direction and Force.		Malden Island. 905. Direction and Force.		Tulagi. 969. Direction and Force.	Ocean Island. 970. Direction and Force.		Suva, Fiji. 1072. Direction.	Suva, Fiji. 1072. Mean Velocity for the Day.
	9 a.m.	m/s.	9 a.m.	9 p.m.	9 a.m.	5 p.m.	9 a.m.	8 p.m.	9 a.m.	9 a.m.	9 p.m.	9 a.m.	m/s.
1	SE	5·9	SE 4	SE 2	Calm 0	Calm 0	SE 5	E 2	SE 4	E 2	E 3	..	5·1
2	SE by S	4·7	SE 4	SE 4	N 2	W 4	SE 4	E 3	SE 6	E 2	E 2	..	2·1
3	SE by S	6·8	SE 4	SE 2	W 3	W 3	E 4	E 2	SE 2	E 3	E 2	..	2·0
4	SE	9·3	SE 4	SE 2	E 2	W 3	E 4	E 2	SE 1	E 3	E 2	..	0·8
5	SE by S	11·7	E 4	SE 4	N 3	W 4	E 4	E 1	SE 3	E 4	E 3	..	4·7
6	SE by S	11·3	SE 4	SE 4	NE 4	Calm 0	E 4	E 3	ESE 2	E 3	E 2	..	5·6
7	SE by S	11·2	SE 4	E 4	NE 2	W 4	NE 4	E 1	Calm 0	E 3	E 4	..	4·5
8	SE	13·0	E 5	E 5	E 2	W 3	NE 4	E 2	SE 4	E 3	E 3	..	2·7
9	SE	10·3	E 5	E 5	NE 2	W 3	E 4	E 4	SE 3	E 3	E 4	..	3·8
10	SE by S	8·8	E 6	E 4	NE 2	W 2	E 4	E 2	Calm 0	E 4	E 5	..	3·7
11	SE by S	8·1	E 5	E 4	NE 3	W 2	SE 5	E 2	SE 2	E 2	E 5	..	3·0
12	SE	9·5	E 4	E 4	NE 2	W 2	SE 4	E 4	Calm 0	E 3	E 3	..	4·0
13	SE by S	9·4	E 4	E 4	NE 3	W 2	SE 4	E 2	Calm 0	E 3	E 2	..	5·6
14	SE by S	13·2	E 4	E 4	Calm 0	W 3	SE 4	E 4	SW 2	E 4	E 2	..	5·1
15	SE by S	13·4	SE 5	E 4	Calm 0	W 2	SE 4	E 2	SW 4	E 2	E 2	..	1·8
16	SE by S	9·1	SE 4	E 5	W 2	W 3	SE 4	E 1	SE 5	E 2	E 3	..	2·0
17	SE by S	8·6	SE 4	SE 4	Calm 0	Calm 0	E 4	E 2	Calm 0	E 2	E 2	..	1·2
18	SE by S	12·0	E 4	E 4	NE 2	W 3	NE 5	E 4	N 2	E 2	E 2	..	1·6
19	SE	10·2	E 4	E 4	W 5	Calm 0	NE 4	E 2	Calm 0	E 3	E 2	..	1·4
20	..	..	E 5	E 4	NE 2	W 2	E 4	E 3	N 3	E 2	E 3	..	3·1
21	SE	7·4	E 4	E 4	Calm 0	W 3	E 3	E 1	Calm 0	E 3	E 3	..	2·0
22	SE	7·4	E 4	E 4	E 2	W 3	NE 3	E 2	SE 2	E 2	E 3	..	1·8
23	SE	7·7	E 5	E 4	E 3	W 2	NE 4	NE 2	Calm 0	E 1	E 3	..	1·5
24	SE by S	7·2	E 4	E 4	E 3	W 3	E 4	E 5	N 2	E 3	E 2	..	4·1
25	SE by S	6·5	SE 4	E 4	E 3	W 2	SE 4	E 2	E 2	E 2	E 3	..	3·0
26	SE	7·8	SE 4	SE 4	N 2	W 3	SE 4	E 3	Calm 0	E 3	E 2	..	2·6
27	SE	9·3	SE 4	SE 4	E 2	Calm 0	E 4	E 2	ESE 2	E 2	E 3	..	2·0
28	SE	9·7	SE 4	SE 4	Calm 0	W 2	E 4	E 3	Calm 0	E 5	E 4	..	3·5
29	SE	7·8	SE 4	SE 4	Calm 0	W 2	E 4	E 2	SE 3	E 2	E 2	..	2·5
30	SE by S	6·1	SE 4	SE 5	N 2	W 2	E 4	E 3	SE 5	SW 4	SW 3	..	2·7
Mean for Month	..	9·1	4·3	3·9	1·9	2·2	4·0	2·4	1·9	2·7	2·8	..	3·0
	..	+0·4	..	..	..	..	+0·4	..	..	+0·4	..	..	..

* Direction and velocity of the South-East Trade Wind at 620 metres until November 9th, and at 632 metres from November 10th onwards.

STATE OF ICE IN THE ARCTIC SEAS AND IN THE NORTH ATLANTIC.—NOVEMBER 1910.

**Spitsbergen.*—"The bays were frozen, with open water in the offing."

**Iceland and Denmark Strait* were ice-free.

North Atlantic and Labrador.—"The Newfoundland Banks were ice-free, but there were a few icebergs from the mouth of the Belle Isle Strait to 50° W."

**Davis Strait and Baffin Bay.*—"Ice commenced to form at Umanak in North Greenland, and towards the end of the month West Ice was visible from Godhavn, and icebergs were met off Arsuk. Storis was not observed."

**Bering Sea.*—"On the 15th the first brash was observed in the Bering Sea, and from the 26th the ice lay closely packed off Nome."

* *Isforholdene i de arktiske Have, 1910, 1911*, issued by the Danish Meteorological Institute.

RÉSEAU MONDIAL, DECEMBER 1910

TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE FOR THE MONTH OF DECEMBER 1910 BY MEANS OF STATIONS SELECTED AT THE RATE OF TWO FOR EACH TEN-DEGREE SQUARE.

DECEMBER—ZONE 1.

Between Latitude 80° N. and 70° N.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure: Mean at Level of Station.	Pressure: Mean at M.S.L.	Pressure: Diff. from Normal.	Temperature: Mean Max.	Temperature: Absolute Max.	Temperature: Date.	Temperature: Mean Min.	Temperature: Absolute Min.	Temperature: Date.	Temperature: *Mean.	Temperature: Diff. from Normal.	Temperature: †24 hr. Mean.	Precipitation: Total.	Precipitation: Diff. from Normal.
		° N. ′	° W. ′	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.
123	North Star Bay	76 30	68 55	6·5	1010·3	1011·2	..	..	..	..	..	..	..	..	..	*246·0*	9	..
124																		
125	Upernivik	72 47	W56 7	18·9	1004·7	1007·2	+1·7	259·3	267·5	19th	251·7	245·0	17th	255·5	−0·5	*256·1*	3	− 10
126																		
139	Spitsbergen	78 2	E 14 14	11·4	..	..	..	..	..	..	..	..	..	..	..	..	..	..
140																		
141	Gjesvaer	71 6	25 22	6·5	1002·3	1003·1	−0·3	..	276·1	20th	..	262·3	31st	..	+0·2	*270·0*	25	− 42
142	Mehavn	71 1	27 47	6·4	1002·7	1003·5	..	..	275·5	8th	..	257·9	30th	..	..	*269·2*	54	− 34
143	Vardö	70 22	31 8	10·0	1003·6	1004·9	−0·3	..	274·9	21st	..	259·8	30th	..	+0·7	*269·3*	36	− 14
144																		
147																		
148		N.	E.															

DECEMBER—ZONE 2.

Between Latitude 70° N. and 60° N.

203	Nome	64 30	165 24	6·7	..	1015·2	..	259·3	273·0	4th, 5th	251·8	240·8	30th	255·6	..	..	14	..
204																		
205	Tanana	65 12	152 0	? 73·8	..	?1016·6	..	252·1	266·3	19th	242·6	223·6	12, 13, 14	247·3	..	..	15	..
206																		
207	Valdez	61 6	146 13	8·2	..	1004·7	..	270·6	280·2	1st	263·6	253·0	13th	267·1	..	..	76	..
208	Eagle	64 46	141 12	248	..	1015·6	..	251·9	274·1	17th	242·3	225·8	13th	247·1	..	..	8	− 6
209	Dawson	64 4	139 20	321	977·6	1021·8	+6·1	249·3	270·8	20th	241·6	228·0	13th	245·4	−4·4	..	15	− 14
210	Carcross	60 11	134 34	662	..	..	..	257·3	275·8	16th, 19th	251·5	238·6	31st	254·4	..	..	28	..
211																		
212	Fort Simpson	61 52	121 35	129	1004·0	1022·0	..	251·5	267·4	20th	244·2	227·4	29th	247·9	−1·1	*247·9*	13	− 17
213	Hay River	60 51	115 20	161	997·6	1019·6	..	256·4	274·1	21st	246·9	225·8	29th	251·7	−0·2	..	8	..
225	Jacobshavn	69 13	51 2	12·6	1001·6	1003·2	0·0	263·0	277·5	18th	255·9	249·9	15th, 16th	259·5	−0·6	*259·4*	9	− 2
226	Godthaab	64 11	51 44	9	995·2	996·4	−3·1	269·3	275·4	31st	264·0	257·1	15th	266·7	+1·4	*266·6*	37	− 9
229	Angmagsalik	65 37	37 34	31·7	..	..	..	..	..	..	..	..	..	..	..	..	..	..
230																		
231	Stykkisholm	66 5	22 46	11·3	996·8	998·4	−1·0	274·5	278·7	3rd	270·5	264·5	27th	272·5	+1·5	*272·7*	64	+ 5
232	Vestmanno	63 26	20 15	7·7	996·2	997·2	−0·7	278·1	280·4	13th	273·1	266·4	27, 29, 30	275·6	+1·7	*275·7*	132	+ 0
233	Grimsey (Akureyri)	66 33	17 58	6·8	999·5	1000·4	−1·1	273·5	277·9	4th, 15th	270·1	265·1	29th	271·8	+0·7	*272·2*	1	− 29
234	Berufjord	64 40	14 19	18·0	996·0	998·3	−2·1	276·2	279·2	1st, 15th	271·0	264·8	26th	273·6	+2·0	*273·8*	174	+ 47
235	Thorshavn	62 3	W 6 45	25·7	996·0	999·1	−3·5	279·4	283·2	24th	275·0	268·5	28th	277·2	+0·8	..	123	− 59
236																		
237	Bergen (Met. Obs.)	60 24	E 5 19	44·4	998·4	1003·9	−4·9	..	284·7	14th	274·7	268·4	28th	..	+1·8	*276·7*	170	− 41
238	Christiansund	63 7	7 45	17·8	1000·8	1002·9	−3·4	..	283·0	14th	275·1	271·0	27th	..	+2·4	*277·3*	146	+ 33
239	Trondhjem	63 26	10 25	39·5	1000·0	1004·9	−3·8	..	278·6	14th	270·8	264·3	31st	..	+2·9	*273·4*	55	− 32
240	Bodö	67 17	14 24	20·5	1001·5	1004·1	−1·2	..	278·4	8th	270·3	263·2	11th	..	+0·9	*272·5*	38	− 46
241	Haparanda	65 50	24 9	9·2	1006·8	1008·0	−1·3	269·0	275·0	1st	259·5	246·0	12th	264·3	+1·4	*264·4*	37	+ 5
242	Helsingfors	60 10	24 57	11·7	..	1009·2	−1·9	273·8	276·9	24th	270·5	261·2	4th	272·2	+3·3	272·2	108	+ 63
242a	Kuopio	62 54	27 40	99·7	..	1010·2	−2·0	271·6	276·3	18th	265·9	251·5	12th	268·7	+2·6	*268·2*	49	..
243	Kola	68 53	33 1	6·7	..	1007·9	+0·5	..	274·2	9th	..	240·8	31st	..	+2·3	*264·5*	22	+ 7
244	Petrozavodsk	61 47	34 23	38·9	..	1011·5	−1·0	..	274	..	..	252	..	..	+3·6	*268·3*	..	..
245	Arkhangelsk	64 33	40 32	6·7	..	1011·6	+1·1	..	273	..	..	249	..	..	+3·2	*264·8*	22	+ 1
246	Velsk	61 5	42 7	? 83	..	..	..	..	..	..	..	..	..	..	..	..	..	..
247	Oust-Tsylma	65 27	52 10	? 25	..	1013·0	−0·8	..	273	..	..	231	..	..	+4·9	*261·1*	..	..
248	Troitsko-Petcherskoe	62 42	56 13	? 123	..	..	..	..	..	..	..	..	..	..	..	..	..	..
249	Berezov	63 56	65 4	39·9	..	..	..	..	..	..	..	..	..	..	..	..	..	..
250	Obdorsk	66 31	66 35	23·7	..	..	..	..	..	..	..	..	..	..	..	..	..	..
251	Sourgout	61 15	73 24	? 40	..	..	..	..	..	..	..	..	..	..	..	..	..	..
253	Touroukhansk	65 55	87 38	? 40	..	..	..	..	..	..	..	..	..	..	..	..	..	..
254	Doudinka	69 7	87 0	? 20	..	..	..	..	..	..	..	..	..	..	..	..	..	..
261	Olekminsk	60 22	120 26	? 135	..	..	..	..	..	..	..	..	..	..	..	..	..	..
262	Iakoutsk	62 1	129 43	? 108	..	..	..	..	..	..	..	..	..	..	..	..	..	..
263	Verkhoiansk	67 33	133 24	? 100	..	..	..	..	..	..	..	..	..	..	..	..	..	..
264	Oust-Maïskoe	60 25	134 29	? 100	..	..	..	..	..	..	..	..	..	..	..	..	..	..
271	Markovo sur Anadyr	64 45	177 50	? 20	..	..	..	..	..	..	..	..	..	..	..	..	..	..
272	Novo-Mariinskii Post	64 45	177 33	5·2	..	..	..	..	..	..	..	..	..	..	..	..	..	..
		N. ° ′	E. ° ′	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.

* Mean of max. and min. or of observations at fixed hours. † Computed means for the 24 hours are in *italics*.

DECEMBER—ZONE 3.

Table representing the Meteorology of the Globe between Latitude 60° N. and 50° N.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure: Mean at Level of Station.	Pressure: Mean at M.S.L.	Pressure: Diff. from Normal.	Temperature: Mean Max.	Temperature: Absolute Max.	Temperature: Date.	Temperature: Mean Min.	Temperature: Absolute Min.	Temperature: Date.	Temperature: *Mean.	Temperature: Diff. from Normal.	Temperature: †24 hr. Mean.	Precipitation: Total.	Precipitation: Diff. from Normal.
		° N. ′	° W. ′	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.
301																		
302																		
303	Dutch Harbour	53 54	166 32	4·0	..	..	..	..	..	..	..	..	..	..	..	..	..	..
304																		
305																		
306																		
307																		
308	Sitka	57 4	135 20	27	..	1006·4	+1·1	278·0	282·4	15th	272·7	265·8	4th	275·4	+0·3	..	307	+107
309	Prince Rupert	54 18	130 18	52	..	1009·8	..	279·4	288·0	19th	275·2	269·1	31st	277·3	..	..	626	..
310	Barkerville	53 2	121 35	1274	..	1014·2	..	270·6	276·3	13th, 14th	265·3	249·7	31st	267·9	+0·1	*267·9*	86	+ 4
311	Kamloops	50 41	120 29	380	..	1016·9	−2·0	275·3	280·8	8th	270·3	260·9	27th	272·8	+0·7	*272·8*	22	+ 1
312																		
313	Calgary	51 2	114 2	1033	..	1016·0	−0·6	272·3	284·7	20th	263·6	248·0	31st	267·9	+1·1	*267·9*	4	− 10
314	Fort Chipewyan	58 42	111 10	218	990·1	1019·2	..	258·0	272·4	21st	250·2	225·8	29th	254·1	..	*254·0*	8	..
315	Prince Albert	51 10	106 0	437	963·9	1019·9	+4·3	264·1	275·8	17th, 20th	258·2	235·2	29th	261·2	+2·9	*261·2*	46	+ 27
316	Qu'Appelle	50 30	103 47	645	..	1019·3	+3·7	263·8	275·2	21st	255·1	242·4	31st	259·5	−1·4	*259·5*	44	+ 28
317	Minnedosa	50 15	99 50	515	..	1018·6	..	263·6	273·6	14th	252·4	232·8	30th	258·0	−2·3	*258·0*	19	+ 3
318	Berens River	52 18	97 23	216	..	..	..	263·8	273·6	23rd	250·5	230·8	30th	257·2	..	*257·2*	34	..
318a	York Factory	57 0	92 28	11	1016·9	1018·4	+1·9	..	266·3	21st	246·6	230·8	31st	..	..	*249·8*	..	..
319	Fort Hope	51 32	87 48	? 270	983·8	1019·6	..	260·8	274·7	22nd	250·3	233·0	30th	255·6	+0·7	..	43	+ 23
320	Moose Factory	51 16	80 56	9	1015·8	1017·0	..	263·1	274·1	22nd	252·1	233·6	30th	257·6	+0·5	..	41	+ 12
321																		
322																		
323	Hebron	58 12	62 21	15·0	1005·0	1007·0	+0·5	262·0	269·0	..	258·3	244·2	..	260·2	+1·8	..	..	..
324	Nain	56 33	61 41	4·2	1006·8	1007·3	−0·2	263·6	272·6	..	257·6	243·0	..	260·6	+2·5	..	..	..
325																		
326	Point Riche	50 42	57 25	10·7	..	..	..	..	277·4	20th, 25th	..	256·3	31st	268·7	+1·3	..	12	− 68
327																		
328																		
329																		
330																		
331																		
332																		
333																		
334	Valencia	51 56	10 15	13·7	1001·4	1003·0	−9·5	282·6	284·7	16th	279·3	273·6	1st	281·0	+0·6	281·2	138	− 19
335	Aberdeen	57 10	2 6	27·4	998·6	1001·9	−6·8	280·6	286·9	23rd	277·5	271·3	28th	279·1	+2·8	279·1	66	− 12
336	Greenwich	51 28	W o 0	48	1000·8	1006·7	−8·5	282·1	285·8	16th	277·4	270·2	28th	279·8	+2·6	280·0	90	+ 43
337	Uccle	50 48	E 4 22	100	995·9	1008·2	−8·5	281·2	285·4	5th	276·7	269·1	28th	279·0	+3·4	279·0	88	+ 19
338	De Bilt	52 6	5 11	3·0	1008·3	1008·7	−6·9	280·9	284·6	17th	276·3	268·4	29th	278·6	+3	278·7	87	+ 24
338a	Hamburg	53 33	9 59	26·0	1006·3	1009·5	−4·9	278·7	284·0	17th	274·7	269·7	28th	276·7	+2·2	276·6	52	− 6
339	Copenhagen	55 41	12 36	5·0	1008·6	1009·2	−4·8	277·6	281·2	24th, 25th	274·7	268·7	28th	276·2	+2·9	*276·4*	53	+ 12
340	Potsdam	52 23	13 4	84·9	1000·9	1011·6	−4·3	277·4	283·2	12th	272·9	265·8	29th	275·2	+2·0	275·0	34	− 5
340a	Upsala	59 51	17 38	24·0	1005·6	1008·6	−2·7	273·8	278·8	24th	270·0	261·5	27th	271·9	+2·6	272·1	43	+ 4
341	Warsaw	52 15	21 1	127	998·7	1014·6	−1·5	277·2	282·7	12th	273·4	263·2	5th	275·3	+6·7	*276·3*	24	− 12
342	Jurjev	58 23	26 43	74·5	1002·3	1011·8	−1·5	273·7	278·1	19th	269·3	259·8	5th	271·5	+7·4	271·9	67	+ 22
343	Petrograd	59 56	30 16	4·8	..	1011·0	−1·5	..	276	..	..	261	..	..	+4·7	*271·2*	43	+ 13
344	Kiev	50 27	30 30	183·1	997·5	1020·5	+2·0	273·9	278·0	11th	270·6	260·4	6th	272·3	+4·8	273·4	33	− 7
344a	Moscow	55 45	37 34	156	998·0	1017·8	+0·3	271·9	276·2	11th	268·7	258·6	2nd	270·3	+8·2	270·4	32	− 6
345	Saratov	51 32	46 3	59·9	..	1024·4	+3·2	..	275	..	..	256	..	..	+3·8	*268·8*	23	− 17
346	Kazan	55 47	49 8	79·8	1011·4	1021·8	+1·4	..	275·8	27th	..	249·8	24th	..	+4·6	*266·0*	37	+ 20
347	Orenburg	51 45	55 6	114·1	..	1028·7	+4·2	..	273	..	..	244	..	..	+2·3	*263·3*	30	− 1
348	Perm	58 1	56 15	163·0	..	1022·6	+2·6	..	272	..	..	244	..	..	+2·3	*261·3*	53	+ 28
349	Ekaterinburg	56 50	60 38	288·9	..	1023·4	+1·7	..	273	..	..	245	..	..	+3·3	*261·7*	23	+ 13
350	Tobolsk	58 12	68 14	108·3	..	..	..	..	..	..	..	..	..	..	..	..	..	..
351	Akmolinsk	51 12	71 23	? 347	..	*f.*	..	..	..	..	..	..	..	..	..	..	..	..
352	Omsk	54 58	73 23	90	..	1026·0	+0·6	..	?271·4	30th	..	242·5	25th	..	+0·7	*258·1*	33	+ 10
353	Barnaoul	53 20	83 47	162·2	..	1031·8	+1·4	..	272·9	31st	..	236·7	19th	..	+3·0	*260·5*	50	+ 30
354	Tomsk	56 30	84 58	121·6	..	1027·2	+0·1	..	269·9	31st	..	232·9	18th	..	−0·7	*256·5*	72	+ 28
355	Minousinsk	53 43	91 41	? 245	..	..	..	..	..	..	..	..	..	..	..	..	..	..
356	Eniseisk	58 27	92 11	84·4	..	..	..	..	..	..	..	..	..	..	..	..	..	..
357	Irkutsk	52 16	104 19	467·0	..	1036·7	+4·7	..	258·9	31st	..	236·8	7th	..	−5·6	*250·6*	7	− 8
358	Kirensk	57 47	108 7	? 263	..	..	..	..	..	..	..	..	..	..	..	..	..	..
359	Tchita	52 2	113 30	663·7	..	1037·9	..	..	263·6	23rd	..	230·0	31st	247·5	..	..	4	..
360	Blagoveshchensk Priisk	58 10	114 17	? 490	..	..	..	..	..	..	..	..	..	..	..	..	..	..
360a	Nertchinsk	51 59	116 35	484·3	..	1031·3	+3·2	..	265·9	6th	..	?232·7	29th	..	+1·8	*246·0*	..	..
361	Tygan Ourkan	54 5	124 46	? 370	..	..	..	..	261·9	13th	240·2	231·3	26th	..	..	*245·8*	3	..
362	Blagoveshchensk	50 15	127 38	133·6	..	..	..	..	..	..	..	..	..	..	..	..	..	..
363	Paikanskii Sklad	50 11	130 7	? 168	..	..	..	..	256·4	1st	235·3	225·7	30th	..	..	*241·6*	3	..
364																		
365	Nikolaevsk-sur-Amour	53 8	140 45	21·2	..	..	..	..	262·0	3rd	..	236·7	30th	..	−1·1	*251·0*	0	− 19
366	Okhotsk	59 21	143 17	6·0	..	..	..	..	..	..	..	..	..	..	..	..	..	..
367																		
368	Petropavlovsk Phare	52 53 N.	158 47 E.	87·1	..	..	..	..	..	..	..	..	..	..	..	..	..	..
369																		
370																		
371																		
372		° ′	° ′	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.

* Mean of max. and min. or of observations at fixed hours.

† Computed means for the 24 hours are in *italics*.

DECEMBER—ZONE 4.

Table representing the Meteorology of the Globe between Latitude 50° N. and 40° N.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure: Mean at Level of Station.	Pressure: Mean at M.S.L.	Pressure: Diff. from Normal.	Temperature: Mean Max.	Temperature: Absolute Max.	Temperature: Date.	Temperature: Mean Min.	Temperature: Absolute Min.	Temperature: Date.	Temperature: *Mean.	Temperature: Diff. from Normal.	Temperature: †24 hr. Mean.	Precipitation: Total.	Precipitation: Diff. from Normal.
		° N. ′	° W. ′	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.
411	Victoria, B.C.	48 24	123 19	25·9	1015·4	1018·6	+2·0	280·6	283·8	1st	277·4	272·1	31st	279·0	0·0	278·9	163	+ 4
412	Portland, Oregon	45 32	122 41	46·6	1016·7	1022·3	+4·1	281·3	286·3	5th	276·8	272·4	20th	279·1	+0·9	*278·9*	90	− 98
413	Macleod	49 44	113 24	954	..	..	..	275·1	285·8	21st	266·7	248·0	5th	270·9	+0·5	*270·9*	15	− 36
414	Helena	46 34	112 4	1253	874·8	1022·0	+1·7	272·9	280·8	23rd	264·4	249·7	31st	268·7	−0·3	*268·7*	4	− 16
414a	Salt Lake City	40 46	111 54	1329	871·6	1022·7	+1·7	278·1	286·3	1st	271·7	265·2	22nd	274·9	+1·8	*274·7*	29	− 4
415	Cheyenne	41 8	104 48	1856	812·0	1019·3	+0·3	278·6	287·4	1st	267·2	260·8	29th	272·9	+1·6	*272·6*	18	+ 10
416	North Platte	41 8	100 45	859	918·9	1022·0	+2·7	278·7	285·2	2nd	265·3	256·3	6th	272·0	+2·0	*271·7*	18	+ 7
416a	Bismarck	46 47	100 38	510·6	957·3	1021·0	+2·4	270·2	283·6	13th	258·2	245·8	31st	264·2	+0·7	*264·1*	8	− 8
417	Winnipeg	49 53	97 7	231·6	..	1020·0	+2·1	264·1	274·1	26th	252·9	231·9	30th	258·5	−0·8	259·4	47	+ 29
418	Duluth	46 47	92 6	345·1	975·5	1018·9	+1·4	266·9	275·2	14th	257·7	244·1	30th	262·3	−2·6	*262·4*	14	− 17
419	Port Arthur	48 27	89 12	196·3	..	1018·3	+1·4	267·8	274·7	23rd	257·1	238·6	30th	262·5	−0·8	*262·5*	10	− 7
420	Chicago	41 53	87 37	250·8	988·7	1020·0	+1·4	273·1	279·1	27th	266·7	259·1	20th	269·9	−1·6	*270·0*	34	− 19
421	Toronto	43 40	79 24	106·7	1004·1	1018·0	+0·5	271·1	276·7	23rd	262·8	251·4	31st	266·9	−3·7	266·8	44	− 22
422	New York	40 43	74 0	95·7	1005·8	1017·9	−1·0	274·4	284·7	30th	264·3	253·7	16th	268·2	−0·5	*268·4*	113	+ 11
423	St. John, N.B.	45 17	66 4	21·3	..	1013·2	−2·4	272·1	281·7	30th	264·3	253·7	16th	268·2	−2·6	*262·4*	14	− 17
424	S. W. Point, Anticosti	49 24	63 35	9·1	1008·1	1009·3	−2·1	271·0	274·7	..	261·7	249·7	..	266·4	..	..	30	..
425	Sable Island (Main Station)	43 57	60 6	7·6	1011·2	1012·2	..	277·3	283·6	..	271·1	263·0	..	274·2	−1·1	..	84	− 53
426	St. Johns, Newfoundland	47 34	52 42	38·1	..	1005·7	−5·6	275·1	284·1	21st	268·6	259·1	31st	271·8	+0·6	..	142	+ 4
435	Madrid	40 24	3 41	655·4	940·1	1017·8	−4·0	283·2	288·6	15th	275·1	267·5	30th	279·2	+1·4	279·0	36	− 5
436	Nantes	47 15	W 1 34	41·4	1006·1	1011·2	−7·6	283·4	287·6	10th	278·3	269·7	29th	280·9	+2·4	*280·7*	110	+ 25
437	Paris (Parc St. Maur)	48 49	E 2 29	50·3	1004·8	1011·0	−7·0	282·0	287·8	16th	276·5	267·8	29th	279·2	+3·6	279·3	46	0
438	Marseilles	43 18	5 23	75	1002·9	1012·1	−4·2	285·4	289·3	4th	278·2	271·0	24th	281·8	+1·5	*281·3*	121	+ 62
438a	Zurich	47 23	8 33	493·2	955·3	1015·1	−5·3	278·4	285·0	12th	273·5	268·3	24th	275·9	+3·2	275·6	85	+ 11
439	Rome	41 54	12 29	63·4	..	1013·2	−2·4	285·9	292	6th	280·4	272	24th	283·2	+1·9	*282·9*	87	− 3
440	Vienna	48 15	16 22	202·5	989·5	1014·5	−5·1	278·6	285·5	11th	274·7	269·5	24th	276·7	+4·0	276·6	39	− 3
440a	Buda-Pesth	47 30	19 2	112·5	1000·3	1016·5	−3·1	278·3	283·5	15th	274·6	270·3	24th, 31st	276·5	+4·3	*276·3*	78	+ 27
441	Bucharest	44 25	26 6	82	1010·2	1020·5	0·0	276·7	281·7	20th	272·5	268·5	25th	274·6	+1·7	*274·3*	14	− 30
442																		
443	Odessa (University)	46 29	30 46	65·3	1013·5	1021·8	+2·3	277·9	282·9	28th	273·4	262·0	5th	275·7	+3·8	*276·0*	2	− 31
444	Kharkov (University)	50 0	36 14	140	..	1023·1	+2·7	..	278	..	..	256	..	279·6	+3·1	*270·5*	31	− 4
444a	Novorossiisk	44 40	37 49	37	..	1022·7	+2·6	..	288	..	..	268	..	279·6	+2·4	279·5	17	− 68
445	Tiflis	41 43	44 48	409	..	1027·2	+4·2	..	285	..	..	265	..	273·6	+2·4	*273·5*	1	− 20
446	Astrakhan	46 21	48 2	−14	..	1028·4	+5·7	..	279	..	..	259	..	271·3	+1·6	*271·2*	7	− 5
447	Fort Alexandrovsk	44 31	50 16	24	..	..	..	..	..	..	..	..	..	..	..	..	..	..
448	Krasnovodsk	40 0	52 59	−15	..	1026·7	+3·9	..	285	..	..	273	..	276·8	−1·6	*276·7*	..	..
449	Tachkent	41 20	69 18	478·3	..	1033·2	+6·6	..	288·6	6th	..	256·6	22nd	..	−2·5	*272·8*	10	− 37
450	Irgiz	48 37	61 16	112	..	..	..	..	..	..	..	..	..	..	..	..	..	..
451	Narynskoe	41 26	76 2	?2015	..	..	..	..	..	..	..	..	..	..	..	..	..	..
452	Vernyi	43 16	76 53	824·8	..	..	..	..	..	..	..	..	..	..	..	..	..	..
461	Mukden	41 48	123 23	43·8	1022·8	1028·7	+1·8	267·0	275·4	26th	253·9	245·8	31st	260·5	−2·3	260·0	2	− 3
462	Joshin	40 40	129 11	4·0	1021·1	1021·6	+0·9	271·9	276·3	6th	260·5	251·4	11th	266·2	−0·6	265·8	43	+ 13
463	Vladivostok	43 7	131 54	15·7	..	1023·4	+2·4	..	271·2	22nd	..	247·6	30th	..	−3·3	*258·7*	3	− 3
464																		
465	Ochiai	47 20	142 44	15·0	1010·0	1011·9	..	267·1	274·4	2nd	252·1	238·4	30th	259·6	..	260·2	37	..
466	Nemuro	43 20 N.	145 35 E.	26·7	1008·4	1011·8	+0·7	272·8	282·5	2nd	265·6	260·6	31st	269·2	−2·3	269·2	13	− 49

DECEMBER—ZONE 5 (Western Half).

Between Latitude 40° N. and 30° N.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure: Mean at Level of Station.	Pressure: Mean at M.S.L.	Pressure: Diff. from Normal.	Temperature: Mean Max.	Temperature: Absolute Max.	Temperature: Date.	Temperature: Mean Min.	Temperature: Absolute Min.	Temperature: Date.	Temperature: *Mean.	Temperature: Diff. from Normal.	Temperature: †24 hr. Mean.	Precipitation: Total.	Precipitation: Diff. from Normal.
		N.	W.															
511	San Francisco	37 48	122 26	47·2	1015·5	1021·3	+1·4	287·8	293·0	18th	281·6	279·1	16th	284·7	+1·2	*284·5*	44	− 84
512	San Luis Obispo	35 18	120 39	61·3	1012·9	1020·3	+0·7	291·6	299·1	2nd	279·9	273·6	30th	285·8	+1·2	*285·6*	24	− 91
513	Modena	37 48	113 54	1670	836·2	1022·0	+2·0	278·3	290·8	1st	266·7	258·6	27th	272·5	−0·3	*272·3*	9	− 5
514	San Diego	32 43	117 10	26·5	1015·2	1018·6	+0·3	290·9	296·3	15th	282·1	277·4	28th	286·5	+0·3	*286·2*	4	− 50
515	Santa Fé	35 41	105 57	2138	787·7	1021·7	+3·7	279·2	286·3	10th	266·8	259·1	29th	273·0	+0·9	*272·6*	8	− 12
516	Denver	39 45	105 0	1613	837·3	1019·6	+1·0	281·1	288·6	2nd	268·4	261·3	23rd	274·7	+1·6	*274·4*	18	+ 2
517	Abilene	32 23	99 40	529·6	958·5	1021·3	+1·7	286·7	298·6	4th	275·2	269·1	6th	280·9	+0·7	*280·6*	27	− 2
518	Saint Louis	38 38	90 12	172·8	999·8	1021·0	+0·7	277·2	285·2	17th	269·0	261·3	24th	273·1	−1·8	*273·0*	30	− 26
519	Mobile	30 41	88 2	17·4	1020·3	1022·3	+1·4	288·2	295·8	5th	278·9	271·3	2nd	283·6	−0·3	*283·3*	96	− 20
520	Nashville	36 10	86 47	166·4	1002·0	1022·3	+1·4	279·9	291·3	29th	270·6	263·0	5th	275·3	−2·8	*275·1*	100	+ 3
521	Charleston	32 47	79 56	14·6	1019·5	1021·3	+0·3	285·1	292·4	29th	276·1	270·8	21st	280·6	−3·2	*280·3*	31	− 49
522	Washington	38 54	77 3	34·1	1015·4	1020·0	−0·3	276·3	289·7	29th	268·0	259·7	10th	272·2	−3·1	*272·1*	67	− 13
523																		
524	Bermuda	32 17	64 30	46·0	..	1020·3	−0·3	291·8	294·7	6th, 7th	286·0	281·7	14th	288·9	−2·4	..	111	− 15
531	Horta	38 32	28 38	30	..	1017·6	−2·4	291·1	294	2nd	288·1	284	17th, 20th	289·6	+0·7	..	131	+ 43
532	Ponta Delgada	37 45	25 41	17	1017·3	1019·3	−2·1	290·6	292·6	1st, 4th	287·7	283·6	17th	289·1	+0·9	..	50	− 63
533	Madeira (Funchal)	32 38	16 55	25	1017·6	1020·6	0·0	292·7	295·2	10th	283·6	278·0	23rd	288·1	−0·1	*289·0*	202	+ 87
534	Lisbon	38 43	9 9	95	1005·7	1017·3	−2·9	287·5	290·3	7th	283·1	275·9	30th	285·3	+1·4	*285·2*	191	+ 87
535	Casablanca	33 37	7 35	? 17	..	..	..	289·9	294·6	..	284·0	278·6	..	287·0	−0·5	*286·1*	162	+108
536	Gibraltar	36 6	5 21	16·2	1014·1	1016·0	−3·6	289·9	293·0	9th	..	..	..	..	−0·2	*286·2*	278	+132
		° ′	° ′	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.

* Mean of max. and min. or of observations at fixed hours.

† Computed means for the 24 hours are in *italics*.

DECEMBER—ZONE 5 (Eastern Half). Table representing the Meteorology of the Globe between Latitude 40° N. and 30° N.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure: Mean at Level of Station.	Pressure: Mean at M.S.L.	Pressure: Diff. from Normal.	Temperature: Mean Max.	Temperature: Absolute Max.	Temperature: Date.	Temperature: Mean Min.	Temperature: Absolute Min.	Temperature: Date.	Temperature: *Mean.	Temperature: Diff. from Normal.	Temperature: †24 hr. Mean.	Precipitation: Total.	Precipitation: Diff. from Normal.
		° N. ′	° E. ′	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.
537	Algiers	36 47	3 4	38·5	1011·2	1015·8	−2·4	290·5	299·6	8th	284·6	278·1	29th	287·6	+0·5	*287·4*	164	+ 48
538	Palma	39 33	2 42	23	1011·7	1014·4	−3·4	288·6	292·8	16th	282·3	278·0	30th	285·4	+1·7	..	50	− 10
538*a*	Tunis	36 48	10 10	43	..	1016·7	−0·2	291·9	300	6th	281·9	276	29th	286·9	+2·3	..	81	+ 8
539	Malta	35 54	14 31	59	..	1015·9	−0·8	290·4	295	1, 4, 7	285·9	281	30th	288·2	+1·4	..	154	+ 49
540	Catania	37 30	15 3	64·9	1006·9	1014·8	−1·0	288·8	291·6	6th	281·9	277·3	30th	285·4	+0·4	..	72	− 55
541	Athens	37 58	23 43	107·1	..	1018·2	+1·2	287·9	293	11th	282·0	278	24th, 25th	285·0	+1·2	*284·7*	135	+ 70
542	Alexandria	31 9	29 54	32·0	..	1019·2	+0·7	293·8	299	30th	284·7	280	28th	289·2	+0·1	*289·2*	28	− 33
543	Cairo (Helwan)	29 52	31 20	115·6	..	1019·5	−0·4	292·5	296	4th	282·2	279	21st	287·4	−0·1	287·1	0	− 1
544	Nicosia	35 12	33 24	152	..	1019·6	+1·0	290·3	292·4	24th	275·8	271·9	11th	283·0	−1·1	*282·9*	60	− 17
544*a*	Beirut	33 54	35 28	52·4	..	1019·2	+1·9	290·9	294	23rd	284·6	282	11th	287·8	−0·8	..	147	− 43
545	Baghdad	33 21	44 28	38·7	1017·8	1022·5	+2·5	287·9	291·3	28th	277·3	272·7	11, 16, 17	282·6	−2·2	..	25	− 5
546	Lenkoran	38 46	48 52	−19	..	1026·7	+5·1	..	284	..	..	270	..	..	−2·8	*276·6*	25	− 87
547	Busrah	30 31	47 53	7·6	1021·6	1022·3	+0·1	287·9	292·6	1, 26, 27	280·7	274·7	15th	284·3	−1·4	..	62	+ 41
548	Meshed	36 16	59 35	946	912·9	..	..	277·8	287·1	6th	..	..	..	..	..	..	25	+ 5
549	Quetta	30 11	67 3	1677	837·1	..	+0·5	283·1	290·8	4th	270·3	262·3	23rd	276·7	−2·5	*276·2*	30	+ 6
550																		
551	Lahore	31 34	74 20	214	993·2	1019·4	−0·3	294·7	300·4	5th	277·6	271·4	23rd	286·2	−0·6	*285·0*	4	− 13
551*a*	Simla	31 7	77 8	2205	782·2	..	−0·7	282·5	286·1	8th	276·9	271·9	19th	279·7	−0·1	*279·2*	44	+ 5
552	Leh	34 10	77 42	3503	665·6	..	−1·6	272·8	280·0	1st	261·9	255·8	25th, 27th	267·4	−1·2	*266·3*	9	− 10
552*a*	Dehra Dun	30 20	78 0	681	939·0	1018·4	−0·9	293·4	296·9	6th	280·6	276·3	26th	287·0	+0·1	*286·5*	6	
559	Hang Kow	30 35	114 17	37·0	1025·9	1030·5	+1·8	281·4	289·9	26th	273·7	269·8	14th	277·6	−1·9	*277·1*	7	− 9
560	Shanghai	31 12	121 26	7	1027·2	1028·0	+2·9	273·7	278·8	26th	264·1	259·6	12th	268·9	−2·0	..	0	− 3
561	Shanghai (Zi-Ka-Wei)	31 12	121 26	7	1027·2	1028·0	+2·9	281·8	289·8	18th	273·8	268·7	17th	277·3	−1·6	277·0	22	− 8
562	Jinsen (Chemulpo)	37 29	126 32	67·0	1018·0	1026·7	+2·1	273·3	278·6	27th	266·0	256·9	11th	269·7	−3·4	269·5	7	− 62
562*a*	Nagasaki	32 44	129 52	133·0	1007·2	1023·8	+1·8	282·0	291·0	1st	275·3	271·4	13th	278·7	−2·2	278·6	26	− 23
563	Kioto	35 1	135 46	49·4	1014·3	1020·5	+0·6	283·5	289·1	1st	270·7	266·8	12th	277·1	−1·4	276·0	30	− 35
564	Tokio	35 41	139 45	21·3	1013·5	1016·1	+0·1	282·7	288·6	2nd	272·7	269·7	11th	277·7	−0·9	277·3	24	− 29
565	Miyako	39 38	141 59	30·4	1012·2	1016·0	+1·3	279·7	283·8	4th	268·1	264·0	11th, 13th	273·9	−2·7	272·8	46	
566		N.	E.															

DECEMBER—ZONE 6. Between Latitude 30° N. and 20° N.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure: Mean at Level of Station.	Pressure: Mean at M.S.L.	Pressure: Diff. from Normal.	Temperature: Mean Max.	Temperature: Absolute Max.	Temperature: Date.	Temperature: Mean Min.	Temperature: Absolute Min.	Temperature: Date.	Temperature: *Mean.	Temperature: Diff. from Normal.	Temperature: †24 hr. Mean.	Precipitation: Total.	Precipitation: Diff. from Normal.
		N.	W.															
605	Honolulu	21 19	157 52	11·6	1014·6	1016·0	−0·4	297·7	299·7	..	291·9	289·7	..	294·8	−0·4	..	67	− 51
606																		
615	Zacatecas	22 47	102 33	2610	748·4	..	..	287·0	290·4	19th, 20th	278·9	271·6	30th	283·0	..	..	14	..
616	Leon	21 7	101 41	1798·6	824·3	..	+0·1	293·7	296·9	21st	278·7	274·4	24th	286·2	−0·4	..	15	+ 4
617	Galveston	29 18	94 50	16·5	1019·6	1021·7	+1·7	290·2	295·8	10th	284·5	275·8	6th	287·3	+0·8	*287·3*	91	− 4
618	New Orleans	29 58	90 4	15·6	1020·2	1022·0	+1·7	289·4	297·4	5th	281·2	274·1	7th	285·3	−0·2	*285·0*	88	− 26
619	Havana	23 8	82 22	24·3	..	1020·2	+2·3	295·8	300·4	29th	290·6	283·5	4th	293·2	−1·2	*293·1*	36	− 25
620	Key West	24 33	81 48	6·7	1019·7	1020·3	+1·7	294·4	298·6	18th	288·6	283·6	4th	291·5	−2·7	*291·4*	5	− 42
621	Nassau, Bahamas	25 5	77 21	7·6	1018·0	1018·9	+0·7	295·6	299·1	29th	291·7	288·0	3rd	293·7	−1·6	..	11	− 19
622																		
633	Puerto de Orotava	28 25	16 32	? 100	..	..	..	293·3	296·2	..	286·9	281·6	..	290·1	−0·2	..	61	− 3
634	Las Palmas, Canary Islands	28 7	W15 26	7	1019·7	1020·5	−0·7	296·4	300·6	6th	288·7	283·2	23rd	292·6	+1·0	..	34	− 2
637	Insalah	27 17	E 2 27	330	982·3	1021·4	−2·8	296·2	303·5	1st	279·4	270·5	31st	287·8	+0·3	*287·2*	0	..
638																		
641	Dakhla Oasis	25 30	29 0	130·0	..	1022·6	+0·4	295·7	300	31st	..	..	..	..	..	*?287·8*	..	..
642	Wadi Halfa	21 55	31 20	128·3	..	1018·8	−0·5	297·2	304	31st	281·5	276	13th	289·4	−1·2	*289·1*	..	..
643	Suez	29 57	32 32	3·4	..	1019·5	+1·2	293·2	296	4th	281·7	278	14th	287·4	−1·1	..	0	− 4
644	Aswan	24 2	32 53	99·6	..	1018·4	−0·1	296·6	300	6th	283·6	282	27th	290·1	−1·2	*290·5*	..	..
647	Bushire	28 59	50 53	4	1019·4	1020·1	+0·4	289·8	296·5	1st	284·1	279·7	15th, 16th	287·0	−2·8	..	292	+209
648	Jask	25 44	57 47	4	1018·5	1018·9	0·0	296·8	302·6	3rd	289·9	285·1	19th	293·4	−1·3	..	54	+ 22
649	Kurrachee	24 53	66 57	4	1018·4	1018·8	+0·4	298·5	301·9	6th ,7th	288·1	281·9	24th, 25th	293·3	−0·5	*292·9*	3	0
650	Hyderabad, Sind	25 24	68 18	29	1015·3	1018·7	0·0	298·3	305·2	3rd	284·1	276·6	24th	291·2	−0·5	..	0	− 2
651	Jaipur	26 56	75 52	436	968·2	1019·4	−0·5	298·4	302·6	4 days	281·8	275·3	22nd	290·1	−0·3	*289·0*	0	− 6
652	Nagpur	21 8	79 5	310	982·3	1018·5	+0·4	301·2	302·2	6 days	284·8	282·3	23rd	293·0	+0·1	*292·6*	0	− 14
653	Allahabad	25 25	81 51	94	1006·6	1017·9	−0·7	296·8	300·3	7th	280·9	277·7	28th	288·9	−0·7	*287·8*	0	− 7
654	Calcutta	22 36	88 23	6	1016·7	1017·4	+0·1	298·4	300·3	12th, 21st	284·8	280·5	24th	291·6	−0·4	*291·0*	0	− 5
655	Gauhati	26 8	91 41	59	1010·8	1017·8	..	297·2	298·7	6th	283·9	280·8	16th	290·6	..	..	0	− 2
655*a*	Cherrapunji	25 15	91 42	1314	868·8	..	..	288·9	291·2	8th	280·8	278·6	21st	284·9	..	..	0	− 6
656	Shillong	25 33	91 48	1500	851·2	..	..	289·3	291·3	9th, 16th	276·6	273·4	13th, 14th	282·9	..	..	0	− 5
656*a*	Akyab	20 11	92 56	6	1014·8	1015·5	−0·1	299·0	301·6	5th	289·1	286·3	14th	294·1	−1·7	*293·4*	0	− 19
657	Phu Lien	20 48	106 37	115·6	1006·5	1020·4	+0·5	292·4	298·0	1st	285·9	282·3	4th	289·2	−2·3	288·4	29	− 2
658	Moncay	21 31	107 51	10	1019·7	1020·9	+1·0	292·5	300·0	1st	282·8	277·9	26th	287·7	−2·7	*286·9*	25	+ 4
659																		
660	Hong Kong	22 18	114 10	33·2	..	1020·2	+0·3	291·4	298·1	1st	285·7	280·7	23rd	288·6	−1·7	288·4	20	− 10
661	Taihoku, Formosa	25 2	121 31	9·3	1020·3	1021·4	+0·6	292·7	301·5	19th	286·0	278·3	26th	289·4	−0·8	288·9	26	− 60
662	Naha	26 13	127 41	10·5	1019·2	1020·5	+0·3	292·7	298·7	20th	287·0	280·8	30th	289·8	−0·5	289·9	64	− 47
		N. ° ′	E. ° ′	metres.	mb.	mb.	mb	a.	a.		a.	a.		a.	a.	a.	mm.	mm.

* Mean of max. and min. or of observations at fixed hours. † Computed means for the 24 hours are in *italics*.

Table representing the Meteorology of the Globe between Latitude 20° N. and 10° N. DECEMBER—ZONE 7.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure: Mean at Level of Station.	Pressure: Mean at M.S.L.	Pressure: Diff. from Normal.	Temperature: Mean Max.	Temperature: Absolute Max.	Temperature: Date.	Temperature: Mean Min.	Temperature: Absolute Min.	Temperature: Date.	Temperature: *Mean.	Temperature: Diff. from Normal.	Temperature: †24 hr. Mean.	Precipitation: Total.	Precipitation: Diff. from Normal.
		° N. ′	° W. ′	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.
715	Zapotlanejo	19 38	103 37	..	..	..	..	..	299·0	..	..	275·0	..	..	..	*286·2*	15	..
716	Morelia	19 42	101 7	1951	813·0	..	..	294·5	298·0	19th, 20th	277·8	274·8	24th	286·2	..	*286·2*	51	..
717	Salina Cruz	16 12	95 12	56·3	1009·0	1015·6	..	..	303·0	21st	..	290·1	3rd	..	..	*296·8*	15	..
718	México	19 26	99 8	2280	781·7	..	+1·6	291·4	295·8	22nd	277·9	275·3	5th	284·7	−0·8	284·5	0	..
718*a*	Oaxaca	17 4	96 44	1563	848·7	..	..	298·9	302·6	21st	279·8	278·1	3rd	289·4	..	*289·1*	1	..
719	Belize	19 29	88 12	1·9	..	..	..	..	298·6	..	..	290·8	..	..	..	..	29	−173
720	San Salvador	13 44	89 9	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
721	Jamaica (Negril Point)	18 15	78 23	10·1	..	..	..	301·4	303·8	16th	294·4	290·7	22nd	297·9	−0·5	*297·3*	103	+ 49
722	Port au Prince	18 34	72 22	37·4	1010·8	1015·1	+0·7	303·3	305·6	..	293·7	291·8	..	298·5	−0·3	297·6	83	+ 33
723	St. Croix (Christiansted)	17 45	64 42	6·6	1010·8	1011·5	..	301·4	303·0	..	293·7	294·5	..	298·0	..	..	93	..
724	Grenada (Richmond Hill)	12 3	61 45	155·8	994·9	1012·8	+0·8	301·1	302·4	15th, 25th	295·9	294·1	26, 28, 29	298·5	−0·1	*297·9*	146	− 46
725	Barbados	13 8	59 36	55·2	..	1013·3	+2·8	301·3	302·8	..	296·8	291·0	..	299·1	+0·3	*298·9*	65	− 28
731	St. Vincent, C. Verde Is.	16 54	25 4	11	1014·1	1015·3	+0·8	297·6	299·2	1st	294·2	287·0	24th	295·9	−0·1	..	0	− 16
732	San Tiago, C. Verde Is.	14 54	23 31	34	1012·5	1016·5	..	298·1	301·4	14th	294·6	292·8	24th	296·4	−0·2	..	0	− 12
733	Bathurst	13 24	16 36	1·5	..	1011·9	−0·8	304·4	306·9	8th	293·8	287·4	8th	299·1	+2·2	*299·1*	0	− 3
734	M'Carthy Island	13 42	14 46	1·1	..	..	..	308·2	310·2	29th	287·3	285·8	sev. dates	297·7	−0·5	..	0	− 2
735	Ségou	13 34	6 17	272	..	..	..	306·4	311·0	3rd	288·9	285·8	14th	297·7	..	..	0	..
736	Timbouctoo	16 43	W 2 52	250	..	..	..	..	..	..	..	..	..	..	..	..	..	..
737	Sokoto	13 2	E 5 14	354	..	..	..	303·9	306·9	31st	290·1	285·8	17th	297·0	+0·3	..	0	0
738	Kontagora	10 24	5 29	400	..	..	..	307·6	309·1	6th, 28th	287·9	284·7	8, 10, 12	297·7	−0·2	..	0	− 13
739	Maiduguri	11 48	13 12	361	..	..	..	305·7	309·7	4th, 27th	286·0	282·4	11th	295·9	−0·2	..	0	− 2
740	Katagum	12 17	10 22	402	..	..	..	302·8	305·8	31st	288·7	285·8	15th, 22nd	295·8	−0·1	..	0	0
742	Kadugli	11 2	29 45	503	..	..	..	307·2	313·0	31st	289·2	286·0	9th	298·2	..	..	0	..
743	El Obeid	13 11	30 14	585	..	1016·2	+0·3	303·1	309	31st	283·2	280	11th, 12th	293·2	−1·4	*293·7*	0	0
744	Khartoum	15 37	32 33	390	..	1014·7	+0·8	302·6	310	28th	287·3	283	21st	295·0	−1·0	*296·0*	0	0
746	Aden	12 45	45 3	28·7	1013·1	1016·3	−0·3	300·1	301·2	7th	296·4	293·8	31st	298·2	0·0	*297·8*	2	− 5
751	Bombay	18 54	72 49	11·3	1014·8	1016·0	+0·5	301·9	304·4	14th	293·6	291·6	20th	297·8	−0·3	*297·4*	0	− 2
752	Mysore	12 18	76 40	768	930·1	1016·1	+0·5	299·8	301·1	21st	286·1	284·1	3rd	293·0	−1·5	*292·5*	0	− 11
752*a*	Kodaikanal	10 13	77 28	2343	771·6	..	−0·4	292·9	296·1	20th	282·0	278·0	17th	287·5	+1·8	286·4	0	− 104
753	Madras	13 4	80 14	6·7	1015·1	1015·8	+0·9	301·7	302·7	25th	292·3	289·7	18th, 20th	297·0	−0·7	296·7	1	− 157
754	Waltair	17 45	83 16	68·9	1009·2	1017·1	+0·6	299·9	301·9	7th	291·6	289·6	2, 3, 18	295·7	..	*295·3*	0	− 27
755	Port Blair	11 40	92 40	17·7	1010·7	1012·7	−0·2	302·3	304·2	13th	294·1	291·6	21st	298·2	−0·4	297·8	110	+ 47
756	Rangoon	16 46	95 48	5·5	1013·9	1014·5	−0·5	303·7	305·6	12th	293·2	290·2	21st	298·4	+0·3	*297·5*	0	− 4
757	Saigon	10 46	106 42	11·2	..	..	..	..	..	..	..	..	..	..	..	..	52	− 28
758	Nhatrang	12 16	109 12	6·8	1011·9	1012·6	−0·6	300·1	303·4	8th	294·8	290·2	6th	297·5	−0·3	..	243	+ 36
759	Bolinao	16 24	119 53	7·5	..	1010·1	−0·8	304·6	306·9	6th	294·9	292·3	21st	299·8	−0·3	299·2	1	− 15
760	Vigan	17 34	120 23	20	..	1010·7	−0·6	304·4	307·3	2nd	295·0	292·5	26th	299·7	0·0	299·2	1	− 9
761	Manila	14 35	120 59	14·2	..	1010·7	−0·8	303·3	305·7	4th, 11th	294·1	291·6	21st	298·7	−0·4	297·8	110	+ 47
762	Ormoc	11 0	124 36	5·6	..	1008·5	−1·0	?302·5	?304·6	25th	?295·2	?293·8	28th	?298·9	?−0·3	?298·2	192	+ 11
765	Guam, Ladrone Is.	13 24	144 38	20·4	..	1008·5	−0·7	302·1	303·2	24th	297·8	296·0	24th	300·0	+0·4	..	123	− 18
		N.	E.															

DECEMBER—ZONE 8. Between Latitude 10° N. and 0°.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure: Mean at Level of Station.	Pressure: Mean at M.S.L.	Pressure: Diff. from Normal.	Temperature: Mean Max.	Temperature: Absolute Max.	Temperature: Date.	Temperature: Mean Min.	Temperature: Absolute Min.	Temperature: Date.	Temperature: *Mean.	Temperature: Diff. from Normal.	Temperature: †24 hr. Mean.	Precipitation: Total.	Precipitation: Diff. from Normal.
		N.	W.															
805	Fanning Island	3 55	159 23	4·3	..	..	..	301·9	303·0	4th	297·6	296·6	22nd	299·8	−0·7	*299·0*	9	−230
819	Culebra	9 10	79 40	52·4	997·3	1011·2	+1·1	301·9	303·6	23rd	294·7	293·0	28th	298·2	−0·9	..	301	+153
823	El Peru, Guayanavieja	7 30	62 0	? 300	..	..	..	..	..	..	..	..	..	..	..	..	..	..
825	Georgetown, Brit. Guiana	6 50	58 12	1·8	1013·4	1013·6	+0·5	302·6	303·7	30th	296·3	294·1	19th, 21st	299·4	+0·2	..	76	−230
826	Paramaribo	5 49	55 9	4	1012·1	1012·5	+0·3	302·3	304·5	27th	294·6	291·8	28th	298·5	−0·7	*298·5*	110	−113
826*a*	Cayenne	4 56	52 21	6	..	..	..	302·4	304·0	26th	296·2	294·0	29th	299·3	−0·2	*299·0*	205	− 67
833	Conakry	9 31	13 43	16	1008·7	1010·5	0·0	304·4	306·0	..	296·0	294·4	..	300·2	+0·1	*299·9*	13	+ 5
834	Sierra Leone	8 30	13 9	68·3	1002·3	1010·2	−0·8	305·5	307·3	6th	296·4	293·1	3rd	300·9	+0·2	..	16	− 21
835	Cape Coast Castle	5 5	1 13	..	..	..	..	303·5	304·7	8th, 30th	296·0	294·7	7th	299·7	−0·4	..	1	− 27
836	Accra	5 35	W 0 6	18	..	..	..	..	..	..	..	..	..	..	..	..	17	− 2
837	Lagos	6 27	E 3 24	7·6	..	1009·6	−0·9	303·9	305·2	..	296·6	294·1	..	300·2	−0·2	..	4	− 17
838	Zungeru	9 48	6 10	130	..	1010·8	−0·8	307·7	310·2	2nd	291·3	288·6	22, 27, 28	299·5	+0·4	..	0	− 3
838*a*	Libreville	0 23	9 26	35	..	..	..	302·6	304·0	26th	295·6	293·0	10th	299·1	−0·1	..	139	−142
839	Yola	9 12	12 30	259	..	..	..	306·8	309·1	5th, 6th	292·1	288·6	11th	299·5	+0·1	..	0	0
841	Kafia Kingi	9 22	24 18	596	946·6	1013·9	..	..	..	..	..	..	..	295·1	..	..	0	..
842	Wau	7 42	28 3	440	..	1011·2	..	306·8	309·5	25th	288·6	284·0	23rd	297·7	..	..	0	0
843	Entebbe	0 5	32 29	1171	882·7	..	−0·5	299·3	302·0	30th	290·2	288·5	1st	294·8	+0·1	*294·2*	163	+ 18
844	Nandi	0 2	35 5	2010	..	..	..	..	..	..	..	..	..	..	..	..	72	+ 6
845	Harrar	9 42	42 30	1856	..	..	..	299·1	301·0	sev. dates	286·0	284·0	sev. dates	292·6	..	..	4	..
851	Cothin	10 0	76 21	2·7	1013·3	1013·5	+0·6	304·1	305·1	6 days	294·3	292·8	9th, 15th	299·2	−0·8	*298·8*	1	− 40
852	Colombo Observatory	6 54	79 53	7·3	1010·0	1010·8	+0·8	302·8	304·4	27th	295·0	293·4	21st	298·9	−0·5	*298·5*	123	− 20
853	Candy	7 18	80 40	504·5	..	..	..	299·6	300·9	25th	292·6	289·4	21st	296·1	+0·1	..	352	+127
855	Medan	3 35	98 41	23·5	..	1010·9	−0·4	..	..	..	..	..	..	..	..	..	290	+ 55
856	Kota Radja	5 32	95 20	7·1	..	1010·9	−0·6	..	..	..	..	..	..	..	..	..	226	+ 2
857	Penang	5 34	100 20	4·9	1010·2	1010·7	+0·4	303·2	305·8	19th	296·4	294·7	27th	299·8	−0·3	..	108	− 26
858	Singapore	1 17	103 51	2·2	1009·7	1009·9	+0·4	303·8	306·3	5th	295·9	295·2	sev. dates	299·8	+0·7	..	205	− 56
860	Sandakan	5 49	118 12	..	..	..	..	304·1	305·2	2, 19, 25	297·0	295·8	8th	300·6	+1·0	..	209	−234
861	Tagbilaran	9 38	123 51	26·2	..	1008·7	−0·4	?305·3	?307·0	24th	296·5	295·3	28th	300·9	..	*299·4*	208	+ 43
862	Surigao	9 48	125 29	6	..	1008·3	−0·8	301·5	303·9	25th	296·4	295·3	11th	299·0	−0·2	298·7	652	+101
863	Yap	9 29	138 8	31·9	..	1005·5	−1·7	303·4	304·8	22nd	297·9	?296·3	14th	300·7	+0·4	..	193	− 12
869	Uyelang	9 42	161 3	<10	1008·0	..	−1·1	..	..	..	..	..	..	..	..	..	144	+ 24
		N. ° ′	E. ° ′	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.

* Mean of max. and min. or of observations at fixed hours. † Computed means for the 24 hours are in *italics*.

DECEMBER—ZONE 9.

Table representing the Meteorology of the Globe between Latitude 0° and 10° S.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure: Mean at Level of Station.	Pressure: Mean at M.S.L.	Pressure: Diff. from Normal.	Temperature: Mean Max.	Temperature: Absolute Max.	Temperature: Date.	Temperature: Mean Min.	Temperature: Absolute Min.	Temperature: Date.	Temperature: *Mean.	Temperature: Diff. from Normal.	Temperature: †24 hr. Mean.	Precipitation: Total.	Precipitation: Diff. from Normal.
		° S. ′	° W. ′	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.
905	Malden Island	3 59	155 0	8·8	1009·6	1010·6	+1·3	304·6	305·8	7, 8, 16	296·8	295·8	9th, 27th	300·7	−0·4	*300·0*	0	− 19
906																		
923	Manaos	3 8	59 59	44·9	1003·5	1008·6	..	304·4	307·6	7th	296·9	294·8	26th	300·7	..	..	290	+ 97
929	Quixeramobim	5 16	39 18	207·0	987·6	1011·0	+1·5	306·2	307·7	9th	298·1	295·1	29th	302·2	−0·3	*301·2*	114	..
930	Fernando Noronha	3 51	W32 25	95	..	..	..	..	..	..	..	..	..	..	..	..	..	..
939	Sainte-Croix-des-Eshiras	1 44	E10 21	195	..	..	..	305·4	307·5	9th	294·7	292·5	30th	300·1	+0·5	..	248	+ 39
940	Loango	4 38	11 45	? 50	..	..	..	301·4	302·6	4th	295·2	293·4	28th	298·3	..	*298·0*	64	..
943	Daressalam	6 49	39 18	7·6	1010·6	1011·4	−0·7	302·9	303·6	22nd	297·0	294·7	19th	300·0	−0·2	300·1	33	−139
944	Nairobi	1 18	36 59	1660	..	..	..	297·0	299·7	20th	284·5	281·3	5th	290·8	+0·5	..	36	− 35
944*a*	Zanzibar	6 10	39 11	21·9	1011·2	1013·7	+0·2	302·9	304·3	15th	299·7	298·7	3rd, 15th	301·3	+0·2	*300·5*	205	+ 64
945																		
946	Lamu	2 16	40 54	3·0	..	..	..	..	..	..	..	..	..	..	..	..	10	− 17
947	Seychelles	4 37	55 27	4·6	1011·5	1011·9	+0·3	301·1	301·8	..	297·4	296·3	..	299·2	+0·1	*298·6*	474	+131
948																		
955																		
956	Padang	0 56	100 22	6·7	..	1010·8	−0·5	..	..	..	..	..	..	..	..	..	499	+ 13
957	Batavia	6 11	106 50	8	..	1009·2	−0·5	302·5	304·8	23rd	296·4	294·5	17th	299·5	+0·2	298·9	157	− 57
958	Pontianak	0 1	109 20	2·6	..	1008·5	−0·8	..	..	..	..	..	..	..	..	..	305	− 30
959	Passeroean	7 39	112 56	5·0	1007·8	1008·4	−0·6	303·7	305·0	..	296·3	295·0	..	300·0	..	*299·3*	109	− 59
960	Kajoemas	7 56	114 9	950	..	..	..	..	..	..	..	..	..	..	..	..	..	..
961	Koepang	10 10	123 34	3·3	..	1007·1	−1·3	..	..	..	..	..	..	..	..	..	..	..
962	Ambon	3 42	128 10	4·2	..	1007·5	−1·0	..	..	..	..	..	..	..	..	..	349	+ 97
																	123	+ 20
965	Daru	9 4	143 13	8	..	1008·7	−0·7	304·1	..	..	296·8	..	..	300·5	0·0	..	179	− 59
966	Port Moresby	9 29	147 9	39	..	1008·1	−0·9	305·3	..	..	298·1	..	..	301·7	+0·4	..	66	− 31
967	Rakuranga	4 13	152 8	? 120	..	..	..	304·0	307·0	..	294·4	292·0	..	299·2	..	..	142	..
968	Rendova	8 24	157 19	..	..	..	..	..	..	..	..	..	..	..	..	..	517	+126
969	Tulagi, Brit. Solomon Is.	9 5	160 8	53·6	1005·7	1005·9	−1·1	304·1	306·3	5th	297·3	296·9	sev. dates	300·7	..	..	455	+182
970	Ocean Island	0 52	169 36	48·5	..	1007·2	−0·2	304·6	305·8	16th	297·9	296·6	10th	301·3	+0·3	*300·6*	153	− 69
		S.	E.															

DECEMBER—ZONE 10.

Between Latitude 10° S. and 20° S.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure: Mean at Level of Station.	Pressure: Mean at M.S.L.	Pressure: Diff. from Normal.	Temperature: Mean Max.	Temperature: Absolute Max.	Temperature: Date.	Temperature: Mean Min.	Temperature: Absolute Min.	Temperature: Date.	Temperature: *Mean.	Temperature: Diff. from Normal.	Temperature: †24 hr. Mean.	Precipitation: Total.	Precipitation: Diff. from Normal.
		S.	W.															
1001																		
1002	Apia, Samoa	13 49	171 45	4	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1003	Alofi, Niue Island	19 2	169 55	36·6	1007·2	1011·4	0·0	303·3	307·4	1, 25, 28	294·7	291·3	22nd	299·0	−0·5	..	388	+141
1004																		
1007	Makatea	15 47	148 14	39	1007·6	1012·0	+1·4	304·3	305·6	..	296·6	294·6	..	300·5	..	..	94	..
1008																		
1021	Puerto de Arica	18 28	70 20	5	1017·0	1017·6	..	297·2	300·4	20th	286·9	285·0	5th	292·1	−0·7	*292·7*	..	..
1022	Arequipa	16 22	71 33	2451	760·9	..	−0·4	292·6	294·1	sev. dates	281·9	278·0	5th	287·3	−0·4	..	1	− 1
1023																		
1024	Sucre, Bolivia	19 3	67 17	2844	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1025	Araguaya	15 33	52 59	488	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1026	Cuyaba	15 35	56 0	235	989·0	1015·7	−0·4	303·3	306·3	26th	297·8	295·3	7th	300·6	+0·1	..	350	+126
																	107	−107
1027	Bello Horizonte	19 54	43 30	857	914·9	1010·0	..	299·1	303·2	..	289·5	286·8	..	294·3	..	..	201	..
1028	Cætite	14 2	42 37	900	914·0	1014·2	..	297·5	303·0	8th	290·1	287·1	2nd	293·8	..	..	299	..
1029	Ondina	13 0	38 30	45·2	1004·1	1009·3	..	299·2	303·0	7th, 11th	295·7	293·9	19th	297·5	..	..	349	..
1030	Aracaju	10 55	37 4	4·3	1011·8	1012·3	..	301·3	302·9	7th	296·7	294·4	19th	299·0	..	..	70	..
1035	St. Helena	15 57	W 5 40	? 620	945·8	1017·3	−1·2	291·8	293·3	11th, 19th	286·1	285·2	4th, 6th	289·0	−0·4	*288·6*	34	− 20
1036																		
1041																		
1042	Gwelo	19 26	E30 2	1416	858·0	..	+0·5	300·9	304·7	..	286·6	281·1	..	293·8	−0·7	..	66	− 82
1043	Salisbury, Rhodesia	17 48	31 5	1487	856·8	..	+0·5	299·9	303·1	..	286·9	283·3	..	293·4	−0·7	..	54	−100
1044	Zomba	15 23	35 18	954	905·8	1011·4	+0·8	299·1	302·4	16th	290·3	288·0	13th	294·7	−0·9	*293·5*	538	+250
1045	Tamatave	18 9	49 26	4	1012·9	1013·3	+0·6	..	..	..	..	..	..	299·4	..	..	328	+ 84
1046	Tananarivo	18 55	47 32	1400	864·3	..	+0·6	298·2	301·5	7th	288·6	286·6	2nd	293·4	−1·4	292·3	313	+ 25
1055	Cocos Keeling Is.	12 5	96 54	4·6	..	1011·1	+0·4	301·7	304·7	27th	297·4	295·4	18th	299·6	−0·6	..	19	− 76
1056																		
1057	Christmas Is.	10 25	105 43	5·5	1006·2	1006·8	−1·3	302·4	305·3	..	296·3	294·6	..	299·4	−0·8	..	263	+ 92
1058																		
1061	Derby	17 18	123 40	16·2	..	1006·8	−0·4	308·0	311·9	25th	299·3	294·9	31st	303·7	−0·3	..	34	− 85
1062	Hall's Creek	18 13	127 46	373·6	..	1006·0	−1·1	308·1	313·1	29th	296·8	292·4	26th	302·5	−1·3	..	89	+ 5
1063	Port Darwin	12 28	130 51	29·6	..	1005·7	−0·9	305·7	309·1	5th	298·8	295·4	11th	302·3	−0·4	*301·2*	568	+310
1064	Daly Waters	16 16	133 23	210·6	..	1004·7	..	308·2	313·0	16th, 18th	296·4	294·1	25th	302·3	−2·0	*301·7*	400	+303
1065	Mein	13 13	142 57	121·9	..	1005·1	..	306·1	309·4	2nd	296·5	295·3	9th, 11th	301·3	..	..	515	+372
1066	Georgetown, Queensland	18 23	143 33	301·8	..	1006·2	..	306·7	310·0	15th	295·6	293·1	26th	301·2	..	..	245	+100
1067	Samarai	10 37	150 40	6·4	..	1007·4	−1·8	303·6	..	..	298·1	..	..	300·8	+0·4	..	156	+ 40
1068																		
1070	La Kolle	17 40	168 20	30	..	..	..	305·1	307·1	20th	292·7	290·9	13th	298·9	..	..	278	..
1072	Suva, Fiji	18 8	178 26	13·4	..	1009·0	−0·8	303·3	306·3	17th	296·6	294·7	19th	299·9	+0·8	..	244	− 59
		S. ° ′	E. ° ′	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.

* Mean of max. and min. or of observations at fixed hours.

† Computed means for the 24 hours are in *italics*.

DECEMBER—ZONE 11.

Table representing the Meteorology of the Globe between Latitude 20° S. and 30° S.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure: Mean at Level of Station.	Pressure: Mean at M.S.L.	Pressure: Diff. from Normal.	Temperature: Mean Max.	Temperature: Absolute Max.	Temperature: Date.	Temperature: Mean Min.	Temperature: Absolute Min.	Temperature: Date.	Temperature: *Mean.	Temperature: Diff. from Normal.	Temperature: †24 hr. Mean.	Precipitation: Total.	Precipitation: Diff. from Normal.
		° S. ′	° W. ′	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.
1105	Rarotonga (Avarua)	21 12	159 47	..	..	..	..	301·2	303·0	18th	296·2	292·2	16th	298·7	..	..	235	+ 57
1106																		
1115	Mataveri, Easter Island	27 10	109 26	30	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1116																		
1121	Punta Tortuga, Coquimbo	29 56	71 21	27	1011·9	1015·1	+0·4	294·2	299·0	22nd	284·5	281·4	26th	289·3	+0·2	*288·6*	0	0
1122	Puerto de Antofagasta	23 38	70 25	4	1014·0	1014·4	+0·2	301·1	302·3	29th	287·3	286·6	sev. dates	294·2	+1·1	*292·8*	0	0
1125	Goya	29 9	59 15	64	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1126	Porto Alegre	30 1	51 13	24·5	1009·5	1012·3	..	302·6	309·0	19th	290·4	285·5	15th	296·5	..	*296·7*	12	− 82
1127	Curityba	25 25	49 15	908	911·9	1013·0	0·0	300·2	306·7	11th	285·5	279·1	17th	292·9	−0·4	*292·2*	67	− 89
1128	Rio de Janeiro	22 54	W43 10	61	1004·3	1011·4	−0·2	..	305·9	..	..	290·5	..	..	−1·3	296·3	44	− 93
1139	Windhuk	22 34	E17 6	1665·3	832·5	..	..	..	..	..	..	..	..	..	+1·2	297·8	..	..
1140																		
1141	Johannesburg	26 11	28 4	1806	..	..	..	296·7	301·5	18th	284·2	280·5	23rd	290·5	−0·6	*290·1*	129	+ 31
1142	Kimberley	28 42	28 47	1202	879·7	..	−0·3	305·6	..	..	288·1	..	..	..	..	..	94	− 13
1142*a*	Pretoria	25 45	28 11	1339	..	..	..	..	..	..	..	..	..	..	..	..	133	− 41
1143	Durban	29 51	31 0	80	1005·8	1015·2	−0·8	299·4	303·9	15th	291·3	287·6	1st	295·3	−1·6	..	167	+ 45
1144	Lorenzo Marques	25 58	32 36	59	..	1013·7	+1·3	302·3	308·6	28th	292·0	287·9	14th	297·2	−1·5	296·5	94	− 13
1147	Mauritius	20 6	57 33	54·3	1007·4	1013·7	−0·1	302·9	304·4	27th, 30th	294·9	292·6	2nd	298·9	−0·2	298·3	69	− 56
1148																		
1159	Onslow	21 43	114 57	4·3	..	1005·9	−1·4	305·9	317·8	26th	293·7	290·2	5th	299·8	−2·1	..	0	− 4
1160	Peak Hill	25 38	118 47	588·3	..	1005·9	−0·3	309·6	313·9	19th	294·1	289·1	30th	301·9	−1·3	..	34	+ 23
1161	Nullagine	21 53	120 5	385·6	..	1004·0	−2·7	312·6	318·0	19th	295·9	292·4	5th	304·2	−0·2	..	26	− 3
1162	Laverton	28 40	122 23	466·3	..	1008·3	−1·3	307·4	312·4	25th	291·8	285·2	2nd	299·6	−0·9	..	0	− 15
1163	Alice Springs	23 38	133 37	587·0	..	1005·6	−1·5	306·7	312·4	29th	291·8	286·3	23rd	299·2	−2·0	*299·2*	99	+ 69
1164	William Creek	28 55	136 21	76·2	..	1007·9	..	306·6	316·3	29th	290·5	281·9	1st	298·6	..	*298·4*	2	− 6
1165	Boulia	22 55	139 38	145·7	..	1004·1	..	311·1	316·4	16th, 17th	295·9	289·7	2nd	303·5	..	..	36	+ 2
1166	Mitchell	26 32	147 52	337·1	..	1005·3	..	307·3	311·9	28th	289·6	281·3	2nd	298·5	..	..	62	− 5
1167	Rockhampton	23 24	150 30	11·3	..	1007·4	..	306·8	309·7	3rd, 16th	295·1	292·4	1st	300·9	..	..	62	− 47
1168	Brisbane	27 28	153 2	41·7	..	1008·3	−3·8	303·8	311·2	16th	293·3	290·3	20th	298·6	+1·0	..	355	+232
1169	Noumea	22 16	166 27	9	1008·2	1009·2	..	303·3	307·0	26th	294·9	292·6	3rd	299·1	+0·8	..	181	+114
1170	Norfolk Island	29 4	167 58	..	..	..	..	..	..	..	..	..	..	..	..	..	38	− 57
		S.	E.															

DECEMBER—ZONE 12.

Between Latitude 30° S. and 40° S.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure: Mean at Level of Station.	Pressure: Mean at M.S.L.	Pressure: Diff. from Normal.	Temperature: Mean Max.	Temperature: Absolute Max.	Temperature: Date.	Temperature: Mean Min.	Temperature: Absolute Min.	Temperature: Date.	Temperature: *Mean.	Temperature: Diff. from Normal.	Temperature: †24 hr. Mean.	Precipitation: Total.	Precipitation: Diff. from Normal.
		S.	W.															
1219																		
1220	Juan Fernandez	33 37	78 50	10	1018·2	1019·4	..	294·1	298·0	31st	..	..	..	291·2	..	..	0	− 13
1221	Punta Angeles, Valparaiso	33 1	71 38	41	1010·9	1015·8	+1·1	293·9	298·2	sev. dates	286·3	282·0	3rd	290·1	−2·4	*288·2*	0	− 6
1222	Santiago	33 27	70 42	520	953·4	1013·0	+0·4	..	304·9	18th, 24th	..	277·0	4th	290·8	−0·4	*291·2*	5	0
1223	Cordoba	31 25	64 12	439	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1224	Buenos Ayres	34 16	64 11	25·2	1010·7	1013·6	+2·3	302·3	311·7	18th	289·0	282·3	5th	295·7	+2·0	295·4	17	− 82
1225	Rio Grande	32 2	52 6	2·3	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1226	Montevideo	34 52	W56 12	29·3	1011·3	1014·7	+3·3	300·6	309·9	18th	287·7	280·6	10th	294·2	−0·7	293·7	51	− 27
1239	Cape Town	33 56	E18 29	12	1013·7	1015·1	+1·1	299·0	308·5	..	289·1	282·8	..	294·1	+1·3	*292·8*	2	− 20
1240	Danger Point	34 37	19 18	20	..	..	..	293·2	296·9	27th	287·3	285·2	11th	290·2	..	..	4	..
1241	Heidelberg	34 5	20 58	1541	..	..	..	301·3	308·0	2nd	287·2	283·0	3rd	294·2	+0·7	..	34	+ 3
1242	East London	33 2	27 55	10·1	1014·0	1015·2	+1·7	295·8	298·0	5, 16, 29	289·7	285·8	10th	292·8	−0·6	..	70	+ 15
1259	Perth (Observatory)	31 57	115 51	60·0	..	1013·3	−0·5	298·8	308·2	10th	288·3	281·9	2nd	293·6	−1·1	..	2	− 5
1260	Katanning	33 42	117 35	309·7	..	1012·2	−1·2	301·5	308·1	24th	284·1	279·7	2nd	292·8	−0·9	..	2	− 12
1261	Coolgardie	30 57	121 10	423·3	..	1010·1	−1·1	304·6	311·1	24th	287·4	280·8	2nd	296·0	−1·6	..	5	− 13
1262	Eucla	31 45	128 58	4·6	..	1011·3	−1·9	297·3	318·7	28th	286·8	280·2	1st	292·1	−1·7	..	2	− 8
1263	Streaky Bay	32 48	134 13	13·1	..	1011·5	−2·1	297·3	311·3	28th	285·2	280·2	17th	291·3	−3·1	..	7	− 1
1264	Adelaide	34 56	138 35	42·7	..	1009·8	−3·4	297·9	308·6	26th	285·8	280·5	19th	291·8	−2·9	*291·3*	32	+ 11
1265	Melbourne	37 49	144 57	35·1	..	1007·5	−5·0	295·9	307·9	29th	284·4	279·2	21st	290·2	−0·9	*289·9*	92	+ 36
1266	Bourke	30 13	145 58	110·1	..	1008·4	−2·5	306·8	315·9	28th	291·3	284·1	19th	299·1	−2·3	..	41	+ 11
1267	Sydney	33 51	151 13	44·5	..	1007·6	−4·3	298·5	308·9	27th	289·9	285·2	19th	294·2	+0·1	..	215	+149
1268	Lord Howe Island	31 32	159 4	..	..	..	..	..	..	..	..	..	..	..	..	..	339	+210
1271	Auckland	36 50	174 50	38·1	..	1009·1	..	294·1	297·7	16th	286·9	284·1	11th	290·5	−0·1	..	72	− 2
1272																		
		S.	E.															

DECEMBER—ZONE 13.

Between Latitude 40° S. and 50° S.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure: Mean at Level of Station.	Pressure: Mean at M.S.L.	Pressure: Diff. from Normal.	Temperature: Mean Max.	Temperature: Absolute Max.	Temperature: Date.	Temperature: Mean Min.	Temperature: Absolute Min.	Temperature: Date.	Temperature: *Mean.	Temperature: Diff. from Normal.	Temperature: †24 hr. Mean.	Precipitation: Total.	Precipitation: Diff. from Normal.
		S.	W.															
1301	Chatham Island	43 52	170 42	46	..	..	..	289·7	293·0	twice	283·7	278·0	29th	286·7	+0·6	..	75	+ 14
1302																		
1321	Punta Corona	41 47	73 52	48	..	..	..	290·8	294·0	sev. dates	283·4	280·6	2nd	287·1	+1·4	*286·9*	0	−115
1322	Punta Galera	40 1	73 44	40	1012·5	1017·3	+1·2	288·9	291·6	sev. dates	282·9	281·4	7th	285·9	−0·2	*284·7*	12	− 64
1323	Bahia Blanca	38 45	W62 12	20	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1324																		
1365	Hobart	42 53	E147 22	53·9	..	1002·4	−6·9	292·6	301·4	29th	283·2	280·1	19th	287·9	−0·7	*287·1*	74	+ 26
1366	Launceston	41 27	147 10	9·4	..	1003·7	..	292·8	301·3	8th	283·0	278·2	25th	287·9	..	..	82	+ 35
1369																		
1370	Dunedin	45 52	170 31	91	..	1007·3	−1·8	292·3	299·7	21st	282·8	278·0	14th	287·6	+1·0	..	102	+ 12
1371	Christchurch	43 32	172 38	7·6	..	1008·5	−2·1	293·1	300·3	2nd	284·1	279·7	13th	288·6	0·0	..	75	+ 27
1372	Wellington	41 16	174 46	33·5	..	1009·5	−1·9	292·1	295·7	20th	285·7	280·0	4th	288·9	+0·1	..	91	+ 9
		S. ° ′	E. ° ′	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.

* Mean of max. and min. or of observations at fixed hours.

† Computed means for the 24 hours are in *italics*

DECEMBER—ZONE 14. Table representing the Meteorology of the Globe between Latitude 50° S. and 60° S.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure: Mean at Level of Station.	Pressure: Mean at M.S.L.	Pressure: Diff. from Normal.	Temperature: Mean Max.	Temperature: Absolute Max.	Temperature: Date.	Temperature: Mean Min.	Temperature: Absolute Min.	Temperature: Date.	Temperature: *Mean.	Temperature: Diff. from Normal.	Temperature: †24 hr. Mean.	Precipitation: Total.	Precipitation: Diff. from Normal.
		° S. ′	° W. ′	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.
1421	Islota de los Evangelistas .	52 24	75 6	55	1004·2	1010·9	+ 9·8	282·3	284·8	sev. dates	278·5	275·8	17th	280·4	−0·1	*280·5*	194	— 55
1422	Puerto de Punta Arenas .	53 10	70 54	4	1004·3	1004·8	+10·8	287·7	296·0	25th	279·2	276·0	1st	283·5	+0·6	*283·9*	0	— 35
1423	Punta Dungeness . .	52 24	68 26	5	1005·8	1006·4	+ 6·5	..	..	..	280·2	276·0	4th	285·1	..	..	0	— 26
1425	Cape Pembroke . .	51 41	57 42	15	1002·7	1004·5	+ 3·8	285·3	291·3	17th	278·1	273·0	8th	281·7	+1·0	281·8	..	..
1426	Stanley, Falkland Is. .	51 41	57 51	4	..	..	..	..	..	..	..	..	..	..	..	..	40	— 31
1429	S. Georgia (Cumberland Bay)	54 14	36 34	3	..	..	..	..	..	..	..	..	..	..	..	..	..	..
		° S. ′	° W. ′															

DECEMBER—ZONE 15. Between Latitude 60° S. and 70° S.

		° S. ′	° W. ′	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.
1527	South Orkneys . . .	60 44	44 39	6·9	990·8	991·7	— 2·6	273·1	276·2	31st	269·9	266·6	5th	271·5	−0·6	271·5	25	+ 3
1528																	mm.	mm.

* Mean of max. and min. or of observations at fixed hours. † Computed means for the 24 hours are in *italics*.

DAILY OBSERVATIONS OF WIND WITHIN THE TROPICS.—DECEMBER 1910.

Date.	St. Helena.* 1035. Direction.	St. Helena.* 1035. Mean Velocity for the Day.	Fanning Island. 805. 9 a.m.	Fanning Island. 805. 9 p.m.	Sierra Leone. 834. 9 a.m.	Sierra Leone. 834. 5 p.m.	Malden Island. 905. 9 a.m.	Malden Island. 905. 8 p.m.	Tulagi. 969. Direction and Force. 9 a.m.	Ocean Island. 970. 9 a.m.	Ocean Island. 970. 9 p.m.	Suva, Fiji. 1072. Direction. 9 a.m.	Suva, Fiji. 1072. Mean Velocity for the Day.
	9 a.m.	m/s.	9 a.m.	9 p.m.	9 a.m.	5 p.m.	9 a.m.	8 p.m.	9 a.m.	9 a.m.	9 p.m.	9 a.m.	m/s.
1	SE by S	8·3	E 4	E 4	NE 2	W 3	NE 4	E 2	N 2	W 2	NE 3	..	2·3
2	SE	9·9	SE 4	SE 4	Calm 0	W 3	E 4	E 2	NW 3	NW 1	N 3	..	0·9
3	SE	8·8	E 5	E 4	W 2	W 3	NE 5	E 3	N 2	E 3	E 2	..	1·1
4	SE by S	11·0	E 4	SE 4	W 2	W 3	E 5	E 3	N 2	E 3	E 2	..	1·9
5	SE by S	9·8	SE 4	SE 4	E 3	W 3	SE 4	E 2	NW 2	SE 4	SE 1	..	4·5
6	SE by S	6·7	SE 4	SE 4	E 2	W 3	SE 4	E 2	SE 3	E 1	E 3	..	4·8
7	SSE	4·4	SE 4	SE 4	W 3	W 3	NE 3	E 3	SE 2	E 3	E 3	..	4·8
8	SSE	3·7	SE 4	SE 4	NE 2	W 3	NE 3	E 2	Calm 0	W 5	SW 4	..	5·4
9	SE by S	6·2	SE 4	SE 4	NE 3	W 3	NE 3	NE 2	SE 3	NW 5	W 4	..	2·1
10	SE by S	4·4	SE 4	E 4	W 2	W 3	NE 3	NE 2	Calm 0	W 4	W 5	..	6·8
11	SE by S	..	SE 4	SE 4	N 2	W 2	NE 3	NE 2	Calm 0	W 4	W 5	..	5·8
12	SE	4·3	SE 4	SE 5	NE 3	W 2	NE 3	E 2	S 2	SW 3	W 3	..	4·9
13	SE	5·5	E 6	E 6	NE 3	W 2	NE 4	NE 3	S 2	SE 4	E 1	..	4·5
14	SE	5·8	E 5	E 4	NE 2	Calm 0	NE 4	NE 2	E 2	E 2	E 3	..	3·1
15	SE by S	6·9	E 5	E 5	NE 4	NE 2	E 4	NE 2	NW 2	E 1	E 3	..	3·1
16	SE	5·4	E 4	E 4	N 3	Calm 0	E 3	E 2	Calm 0	E 3	E 2	..	3·1
17	SE	7·2	SE 4	SE 4	E 2	W 2	E 3	E 1	Calm 0	E 3	E 2	..	1·3
18	SSE	7·0	SE 4	SE 4	E 2	Calm 0	NE 3	E 2	Calm 0	E 4	E 4	..	2·0
19	SSE	10·7	SE 4	SE 4	E 2	W 2	NE 3	E 1	Calm 0	SE 3	E 5	..	1·5
20	SE by S	12·6	SE 4	E 4	E 2	W 3	NE 4	E 2	NW 2	SW 4	W 5	..	4·7
21	SE	11·5	E 4	E 4	E 2	W 3	NE 3	NE 2	Calm 0	SW 3	SW 4	..	1·1
22	SE by S	10·0	SE 4	E 4	E 3	W 3	NE 3	E 2	Calm 0	SW 2	SW 3	..	2·8
23	SE by S	8·2	SE 4	E 4	E 2	W 3	E 4	E 3	Calm 0	E 1	E 2	..	2·8
24	SSE	12·1	SE 4	SE 4	E 2	W 2	E 3	NE 2	Calm 0	E 3	E 1	..	2·4
25	SE by S	11·0	SE 4	SE 4	NE 2	W 3	E 3	NE 2	N 2	E 1	E 1	..	4·5
26	SE by S	11·7	SE 4	E 4	NE 2	W 2	NE 3	E 2	N 3	E 1	E 1	..	3·1
27	SE	8·3	E 4	E 4	W 2	W 2	E 3	E 3	NW 2	E 1	E 3	..	2·4
28	..	..	SE 4	E 4	E 3	W 3	E 4	E 3	NW 2	E 3	E 3	..	3·4
29	SE	7·9	E 5	E 4	NE 2	W 3	NE 5	E 5	NW 6	E 4	E 3	..	5·3
30	SE	8·8	E 4	E 4	W 2	W 2	E 4	E 4	NW 9	SE 4	SW 5	..	3·9
31	SE	8·8	SE 4	E 4	W 2	W 4	E 4	E 2	NW 2	E 3	E 1	..	1·8
Mean for Month	..	8·2	4·2	4·1	2·3	2·4	3·6	2·3	1·8	2·8	2·9	..	3·3
Deviation from Normal	..	+0·1	..	..	..	..	−0·2	..	..	+0·7		..	..

* Direction and velocity of the South-East Trade Wind at 632 metres.

STATE OF ICE IN THE ARCTIC SEAS AND IN THE NORTH ATLANTIC.—DECEMBER 1910.

**Spitsbergen.*—" The bays were frozen, with open water in the offing."
**Iceland and Denmark Strait* were ice-free.
North Atlantic and Labrador.—No ice was reported.
**Davis Strait and Baffin Bay.*—" Great masses of West Ice appeared in Egedesminde district and drifted into Disko Bay, where it froze with winter ice. From Holstensborg southward the coast was ice-free, but on 12th Storis arrived at Cape Farewell, filling all the fjords, but not reaching Pamiagdluk."

* *Iagttagelser i de arktiske Have, 1910, 1911,* issued by the Danish Meteorological Institute.

RÉSEAU MONDIAL, YEAR 1910

TABLE REPRESENTING THE METEOROLOGY OF THE GLOBE FOR THE YEAR 1910 BY MEANS OF STATIONS SELECTED AT THE RATE OF TWO FOR EACH TEN-DEGREE SQUARE.

YEAR—ZONE 1.

Between Latitude 80° N. and 70° N.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure: Mean at Level of Station.	Pressure: Mean at M.S.L.	Pressure: Diff. from Normal.	Temperature: Mean Max.	Temperature: Absolute Max.	Temperature: Date.	Temperature: Mean Min.	Temperature: Absolute Min.	Temperature: Date.	Temperature: *Mean.	Temperature: Diff. from Normal.	Temperature: †24 hr. Mean.	Precipitation: Total.	Precipitation: Diff. from Normal.
		° N. ′	° W. ′	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.
123	North Star Bay . .	76 30	68 55	6·5	..	..	..	..	..	..	..	..	..	..	..	..	..	..
124																		
125	Upernivik	72 47	W56 7	18·9	1010·8	1013·3	+2·9	267·3	290·6	Aug. 12	260·1	236·2	Feb. 16, 17	263·7	−0·9	*263·9*	..	..
126																		
139	Spitsbergen . . .	78 2	E 14 14	11·4	..	..	..	..	..	..	..	..	..	..	..	..	..	..
140																		
141	Gjesvaer	71 6	25 22	6·5	1007·4	1008·2	+0·2	..	296·7	June 15	..	261·1	Jan. 21	..	−0·1	*274·7*	655	+ 14
142	Mehavn	71 1	27 47	6·4	1008·0	1008·8	..	..	294·0	Aug. 5	..	257·9	Dec. 30	..	..	*274·2*	855	+ 97
143	Vardö	70 22	31 8	10·0	1008·2	1009·5	+0·4	..	290·5	Aug. 6	..	259·8	Dec. 30	..	+0·4	*274·0*	575	− 46
144																		
147																		
148		N.	E.															

Between Latitude 70° N. and 60° N.

YEAR—ZONE 2.

203	Nome	64 30	165 24	6·7	..	1009·8	..	271·2	289·7	Aug. 28	264·1	234·1	Feb. 1	267·7	..	..	444	..
204																		
205	Tanana	65 12	152 0	? 73·8	..	?1011·8	..	272·3	301·3	June 23, 25	261·2	217·4	Jan. 31, Feb. 2	266·8	..	..	227	..
206																		
207	Valdez	61 6	146 13	8·2	..	1009·8	..	280·2	300·8	Sept. 9	270·7	253·0	Dec. 13	275·4	..	..	1220	..
208	Eagle	64 46	141 12	248	..	1010·1	..	275·1	305·8	July 29	260·1	220·2	Feb. 2, 3	267·6	..	..	298	+ 9
209	Dawson	64 4	139 20	321	973·9	1014·4	+0·2	272·8	303·3	July 29	261·4	225·2	Jan. 11, Feb. 2	267·1	−1·6	..	332	+ 12
210	Carcross	60 11	134 34	662	..	..	..	276·0	299·7	July 30	265·6	233·6	Feb. 23	270·8	..	..	291	..
211																		
212	Fort Simpson . . .	61 52	121 35	129	999·5	1016·0	..	..	..	..	263·8	227·4	Dec. 29	269·5	..	..	329	− 64
213	Hay River . . .	60 51	115 20	161	995·2	1015·8	..	273·4	301·3	June 12	263·4	225·8	Dec. 29	268·4	−0·3	..	340	..
225	Jacobshavn . . .	69 13	51 2	12·6	1009·4	1011·0	+2·1	269·2	292·9	July 8	262·1	234·6	Feb. 15	265·7	−1·7	*265·6*	266	+ 50
226	Godthaab	64 11	51 44	9	1005·5	1006·7	+0·5	..	..	..	268·2	252·4	Feb. 14, 15	..	−0·5	*270·6*	..	..
229	Angmagsalik . . .	65 37	37 34	31·7	..	..	..	..	..	..	..	..	..	..	..	..	..	..
230																		
231	Stykkisholm . . .	66 5	22 46	11·3	1004·6	1006·1	−0·5	278·3	290·5	July 4	273·3	259·0	Feb. 8	275·8	0·0	*276·0*	655	+ 31
232	Vestmanno	63 26	20 15	7·7	1004·8	1005·7	−0·3	280·8	292·3	July 31	275·5	264·6	Nov. 17	278·2	0·0	*278·1*	1371	+105
233	Grimsey (Akureyri) .	66 33	17 58	6·8	1006·7	1007·5	−0·4	..	288·6	Aug. 24	272·0	260·0	Jan. 30	..	0·0	*274·4*	80	−294
234	Berufjord	64 40	14 19	18·0	1004·0	1006·2	−1·1	279·7	291·2	June 8	273·4	259·8	Jan. 22	276·6	+0·7	*276·5*	1108	− 7
235	Thorshavn	62 3	W 6 45	25·7	1004·3	1007·4	−1·3	281·6	289·4	Aug. 8	276·8	265·6	Jan. 23	279·2	−0·1	..	1102	−491
236																		
237	Bergen (Met. Obs.) .	60 24	E 5 19	44·4	1003·2	1008·6	−2·5	..	301·0	Aug. 5	278·0	261·1	Jan. 27	..	+0·6	*280·7*	1697	−343
238	Christiansund . .	63 7	7 45	17·8	1006·0	1008·1	−1·8	..	298·1	Aug. 5	277·8	263·7	Jan. 26	..	+0·8	*280·2*	1172	+ 41
239	Trondhjem	63 26	10 25	39·5	1004·4	1009·2	−1·2	..	302·7	June 14	275·5	254·1	Jan. 26	..	+0·5	*277·6*	753	−222
240	Bodö	67 17	14 24	20·5	1006·0	1008·5	−0·6	..	298·8	Aug. 3	274·9	258·2	Jan. 25	274·2	+1·2	*274·5*	481	+ 13
241	Haparanda	65 50	24 9	9·2	1009·2	1010·4	−0·6	278·4	304·0	July 8	269·9	242·0	Jan. 23	279·0	+2·0	279·1	757	+171
242	Helsingfors	60 10	24 57	11·7	..	1011·9	−0·6	281·8	299·9	Aug. 2	276·2	253·8	Jan. 24					
242a	Kuopio	62 54	27 40	99·7	..	1013·0	+0·2	280·8	303·0	June 13	273·1	245·9	Jan. 6	276·9	+1·3	*276·9*	612	..
243	Kola	68 53	33 1	6·7	..	1011·4	+1·8	..	297·3	June 13	..	..	..	..	+0·2	*272·5*	..	..
244	Petrozavodsk . . .	61 47	34 23	38·9	..	1013·5	+0·4	..	299	June	..	237	Jan.	..	+1·5	*276·8*	..	..
245	Arkhangelsk . . .	64 33	40 32	6·7	..	1013·1	+1·7	..	301	July	..	236	Jan.	..	+1·2	*274·4*	551	+163
246	Velsk	61 5	42 7	? 83	..	..	..	..	..	..	..	..	..	..	..	..	..	..
247	Oust-Tsylma . . .	65 27	52 10	? 25	..	1013·5	+1·3	..	303	July	..	227	Jan.	..	+1·4	*271·8*	..	..
248	Troitsko-Petcherskoe .	62 42	56 13	?123	..	..	..	..	..	..	..	..	..	..	..	..	..	..
249	Berezov	63 56	65 4	39·9	..	..	..	..	..	..	..	..	..	..	..	..	..	..
250	Obdorsk	66 31	66 35	23·7	..	..	..	..	..	..	..	..	..	..	..	..	..	..
251	Sourgout	61 15	73 24	? 40	..	..	..	..	..	..	..	..	..	..	..	..	..	..
252																		
253	Touroukhansk . . .	65 55	87 38	? 40	..	..	..	..	..	..	..	..	..	..	..	..	..	..
254	Doudinka	69 7	87 0	? 20	..	..	..	..	..	..	..	..	..	..	..	..	..	..
261	Olekminsk	60 22	120 26	?135	..	..	..	..	..	..	..	..	..	..	..	..	..	..
262	Iakoutsk	62 1	129 43	?108	..	..	..	..	..	..	..	..	..	..	..	..	..	..
263	Verkholansk . . .	67 33	133 24	?100	..	..	..	..	..	..	..	..	..	..	..	..	..	..
264	Oust-Maiskoe . . .	60 25	134 29	?100	..	..	..	..	..	..	..	..	..	..	..	..	..	..
271	Markovo sur Anadyr .	64 45	177 50	? 20	..	..	..	..	..	..	..	..	..	..	..	..	..	..
272	Novo-Mariinskii Post	64 45	177 33	* 5·2	..	..	..	..	..	..	..	..	..	..	..	..	..	..
		N. °	E. °	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.

* Mean of max. and min. or of observations at fixed hours. † Computed means for the 24 hours are in *italics*.

YEAR—ZONE 3.

Table representing the Meteorology of the Globe between Latitude 60° N. and 50° N.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure. Mean at Level of Station.	Pressure. Mean at M.S.L.	Pressure. Diff. from Normal.	Temperature. Mean Max.	Temperature. Absolute Max.	Temperature. Date.	Temperature. Mean Min.	Temperature. Absolute Min.	Temperature. Date.	Temperature. *Mean.	Temperature. Diff. from Normal.	Temperature. †24 hr. Mean.	Precipitation. Total.	Precipitation. Diff. from Normal.
301																		
302		° N. ′	° W. ′	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.
303	Dutch Harbour	53 54	166 32	4·0	..	..	..	..	..	..	..	..	..	..	..	..	..	..
304																		
305																		
306																		
307																		
308																		
309	Sitka	57 4	135 20	27	..	1011·5	+2·3	282·9	299·7	July 29, Sept. 8	275·7	262·4	Feb. 21	279·3	−0·1	..	1951	−285
310	Prince Rupert	54 18	130 18	52	..	..	..	..	..	..	..	..	..	..	..	..	..	..
311	Barkerville	53 2	121 35	1274	..	1014·1	..	278·8	296·9	May 24, June 10	269·8	241·3	Feb. 21	274·3	−0·9	*274·3*	856	− 19
312	Kamloops	50 41	120 29	380	..	1014·5	−1·4	287·8	308·8	June 10	276·6	250·4	Feb. 22	282·2	+0·6	*282·1*	195	− 73
313	Calgary	51 2	114 2	1033	..	1013·9	−1·0	284·2	306·3	July 16	271·2	237·4	Feb. 22	277·7	+1·6	*277·8*	306	−108
314	Fort Chipewyan	58 42	111 10	218	987·5	1014·7	..	276·5	299·1	June 10, July 16	266·0	225·8	Dec. 29	271·3	..	*271·8*	314	..
315	Prince Albert	51 10	106 0	437	..	1014·1	−0·1	280·6	304·9	June 26	269·0	229·9	Jan. 3	274·8	+1·7	*275·0*	229	−214
316	Qu'Appelle	50 30	103 47	645	..	1014·7	−0·5	281·3	306·9	June 20	269·6	232·4	Jan. 3	275·5	+1·1	*275·5*	524	+ 49
317	Minnedosa	50 15	99 50	515	..	1015·8	..	282·1	312·7	July 14	268·8	232·8	Dec. 30	275·5	+1·3	*275·2*	345	−112
318	Berens River	52 18	97 23	216	..	..	..	279·3	306·3	June	267·6	230·8	Dec. 30	273·5	..	*273·2*	524	..
318a	York Factory	57 0	92 28	11	..	..	..	..	..	..	..	230·8	Feb. 21, Dec. 31	..	..	..	..	..
319	Fort Hope	51 32	87 48	?270	982·7	1016·4	..	277·7	305·8	June 29	266·7	233·0	Feb. 10, Dec. 30	272·2	+0·8	..	633	+272
320	Moose Factory	51 16	80 56	9	1013·4	1014·6	..	278·5	303·6	June 26	266·8	231·9	Feb. 18	272·7	+0·5	..	670	+105
321																		
322																		
323	Hebron	58 12	62 21	15·0	1008·8	1010·7	+1·4	271·6	298·7	July	266·4	237·7	Feb.	269·0	+0·6	..	..	..
324	Nain	56 33	61 41	4·2	1011·2	1011·7	+1·9	..	..	..	266·4	238·6	Feb.	269·3	..	..	..	..
325																		
326	Point Riche	50 42	57 25	10·7	..	..	..	..	293·0	July 31	..	249·7	Jan. 14	275·8	+0·6	..	908	− 3
327																		
328																		
329																		
330																		
331																		
332																		
333																		
334	Valencia	51 56	10 15	13·7	1010·6	1012·2	−1·8	285·7	296·3	July 13	280·8	271·3	Jan. 27	283·2	−0·3	283·4	1341	− 94
335	Aberdeen	57 10	2 6	27·4	1006·2	1009·5	−2·3	283·4	293·0	May 26	278·2	259·1	Jan. 28	280·8	−0·2	280·8	704	− 76
336	Greenwich	51 28	W 0 0	48	1006·8	1012·7	−2·4	287·1	300·8	June 20	279·1	266·3	Jan. 27	283·1	0·0	282·8	714	+102
337	Uccle	50 48	E 4 22	100	1000·9	1013·1	−2·6	286·8	301·8	June 6	279·1	266·8	Feb. 2	283·0	+0·4	282·8	990	+181
338	De Bilt	52 6	5 11	3·0	1012·3	1012·7	−3·0	286·7	304·1	June 7	278·8	264·8	Jan. 28	282·8	+0·3	282·5	818	+111
338a	Hamburg	53 33	9 59	26·0	1009·2	1012·3	−2·3	285·7	303·6	June 11, 12	279·6	263·3	Jan. 28	282·7	+0·8	282·4	796	+ 70
339	Copenhagen	55 41	12 36	5·0	1011·0	1011·6	−2·2	284·2	297·9	June 15, July 15, 16	279·3	266·9	Jan. 28	281·8	+1·5	*281·9*	594	+ 52
340	Potsdam	52 23	13 4	84·9	1002·7	1013·1	−2·2	286·5	305·0	June 12	278·0	264·0	Jan. 28	282·3	+0·7	281·8	576	− 10
340a	Upsala	59 51	17 38	24·0	1008·0	1010·9	−1·2	283·0	301·5	June 15	274·7	254·8	Jan. 27	278·9	+1·2	279·0	658	+118
341	Warsaw	52 15	21 1	127	998·8	1014·3	−1·3	285·9	304·0	June 4	279·3	263·2	Dec. 5	282·6	+4·2	*282·4*	545	− 14
342	Jurjev	58 23	26 43	74·5	1004·3	1013·5	−0·1	282·9	305·0	June 15	275·3	253·1	Jan. 7	279·1	+5·1	279·0	536	− 54
343	Petrograd	59 56	30 16	4·8	..	1013·4	+0·2	..	301	June, July	..	247	Jan.	..	+1·9	*278·6*	451	− 30
344	Kiev	50 27	30 30	183·1	994·1	1016·4	0·0	?285·8	..	..	277·6	247·4	Jan. 9	?281·7	+1·7	281·4	529	− 20
344a	Moscow	55 45	37 34	156	997·6	1016·8	+0·9	282·8	305·4	Aug. 2	274·3	240·5	Jan. 7	278·5	+5·1	278·5	692	+156
345	Saratov	51 32	46 3	59·9	..	1019·0	+1·8	..	311	July, Aug.	..	248	Jan., Feb.	..	+1·1	*279·7*	312	− 68
346	Kazan	55 47	49 8	79·8	1006·8	1018·8	+1·9	..	310·9	July 31	..	244·1	Jan. 9	..	+1·1	*277·0*	383	− 13
347	Orenburg	51 45	55 6	114·1	..	1020·8	+1·2	..	309	July, Aug.	..	244	Dec.	..	+1·3	*277·6*	315	− 70
348	Perm	58 1	56 15	163·0	..	1017·9	+2·4	..	304	July	..	241	Jan.	..	+0·3	*274·5*	734	+259
349	Ekaterinburg	56 50	60 38	288·9	..	1018·4	+1·4	..	305	Aug.	..	240	Nov.	..	+0·8	*274·3*	446	+ 66
350	Tobolsk	58 12	68 14	108·3	..	..	..	..	..	..	..	..	..	..	..	..	..	..
351	Akmolinsk	51 12	71 23	?347	..	..	..	..	..	..	..	..	..	..	..	..	..	..
352	Omsk	54 58	73 23	90	..	1018·3	−0·5	..	306·4	June 23	..	..	..	..	+0·2	*273·5*	..	..
353	Barnaoul	53 20	83 47	162·2	..	1022·2	+0·9	..	304·8	Aug. 8	..	..	..	..	+0·2	*273·6*	..	..
354	Tomsk	56 30	84 58	121·6	..	1020·0	+0·8	..	302·0	June 25	..	..	..	..	−0·6	*271·7*	..	..
355	Minousinsk	53 43	91 41	?245	..	..	..	..	..	..	..	..	..	..	..	..	..	..
356	Eniseisk	58 27	92 11	84·4	..	..	..	..	..	..	..	..	..	..	..	..	..	..
357	Irkutsk	52 16	104 19	467·0	..	1024·0	+2·4	..	303·5	July 28	..	..	..	..	−2·5	*270·5*	..	..
358	Kirensk	57 47	108 7	?263	..	..	..	..	..	..	..	..	..	..	..	..	..	..
359	Tchita	52 2	113 30	663·7	..	1024·5	..	..	303·8	July 28	..	..	..	270·1	..	..	..	..
360	Blagoveshchensk Priisk	58 10	114 17	?490	..	..	..	..	..	..	..	..	..	..	..	..	..	..
360a	Nertchinsk	51 59	116 35	484·3	..	1019·7	+1·8	..	300·9	Aug. 10	..	..	..	..	+1·0	*268·3*	..	..
361	Tygan Ourkan	54 5	124 46	?370	..	..	..	..	302·8	Aug. 18	261·7	231·3	Dec. 26	..	..	*269·5*	370	..
362	Blagoveshchensk	50 15	127 38	133·6	..	..	..	..	..	..	..	..	..	..	..	..	..	..
363	Paikanskii Sklad	50 11	130 7	?168	..	..	..	..	303·0	Aug. 17	262·1	223·8	Jan. 12	..	..	*269·3*	..	..
364																		
365	Nikolaevsk-sur-Amour	53 8	140 45	21·2	..	..	..	..	301·5	Aug. 23	..	..	..	..	+1·4	*271·8*	..	..
366	Okhotsk	59 21	143 17	6·0	..	..	..	..	..	..	..	..	..	..	..	..	..	..
367																		
368	Petropavlovsk Phare	52 53 N.	158 47 E.	87·1	..	..	..	..	..	..	..	..	..	..	..	..	..	..
369																		
370																		
371																		
372		° ′	° ′	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.

* Mean of max. and min. or of observations at fixed hours. † Computed means for the 24 hours are in *italics*.

YEAR—ZONE 4.

Table representing the Meteorology of the Globe between Latitude 50° N. and 40° N.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure. Mean at Level of Station.	Pressure. Mean at M.S.L.	Pressure. Diff. from Normal.	Temperature. Mean Max.	Temperature. Absolute Max.	Temperature. Date.	Temperature. Mean Min.	Temperature. Absolute Min.	Temperature. Date.	Temperature. *Mean.	Temperature. Diff. from Normal.	Temperature. †24 hr. Mean.	Precipitation. Total.	Precipitation. Diff. from Normal.
		° N. ′	° W. ′	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.
411	Victoria, B.C.	48 24	123 19	25·9	1014·1	1017·2	+1·2	286·5	303·4	July 10	279·1	265·8	Feb. 21	282·8	−0·3	282·5	920	+103
412	Portland, Oregon	45 32	122 41	46·6	1013·4	1018·9	+1·2	289·1	309·1	July 10	280·6	266·9	Jan. 5	284·8	+0·5	*284·5*	982	−165
413	Macleod	49 44	113 24	954	..	..	..	286·2	311·6	July 18	273·4	234·7	Feb. 22	279·8	+1·8	*279·9*	..	..
414	Helena	46 34	112 4	1253	873·9	1017·0	+0·7	286·4	308·6	June 26	274·0	239·1	Feb. 22	280·2	+1·0	*280·2*	299	− 26
414a	Salt Lake City	40 46	111 54	1329	868·4	1016·2	+0·6	290·9	309·1	July 19	279·8	255·8	Jan. 5	285·4	+1·4	*285·5*	286	−120
415	Cheyenne	41 8	104 48	1856	813·6	1016·1	+1·3	288·7	308·0	July 26	274·3	249·7	Jan. 3, Feb. 22	281·5	+1·3	*281·4*	306	− 40
416	North Platte	41 8	100 45	859	917·8	1017·8	+2·3	291·3	314·1	July 27	275·4	250·2	Jan. 5	283·4	+1·3	*283·2*	272	−207
416a	Bismarck	46 47	100 38	510·6	956·1	1017·6	+1·6	286·1	314·7	July 15	271·9	234·7	Feb. 18	279·0	+1·5	*278·9*	304	−144
417	Winnipeg	49 53	97 7	231·6	..	1016·4	0·0	282·5	310·3	June 21	270 1	231·9	Dec. 30	276·3	+1·8	276·0	480	− 49
418	Duluth	46 47	92 6	345·1	974·4	1016·5	+0·2	282·4	309·1	June 28	272·7	243·0	Feb. 23	277·6	+0·5	*277·6*	460	−301
419	Port Arthur	48 27	89 12	196·3	..	1015·9	−1·0	282·2	309·1	June 28	270·9	238·6	Dec. 30	276·6	+1·5	*276·5*	420	−176
420	Chicago	41 53	87 37	250·9	986·8	1017·1	+0·3	287·1	309·1	July 24	279·6	251·9	Feb. 23	283·3	+1·0	*283·2*	682	−163
421	Toronto	43 40	79 24	106·7	1002·7	1015·9	−0·4	285·7	307·1	June 22, July 9	275·3	249·6	Feb. 6	280·5	0·0	280·6	853	+ 56
422	New York	40 43	74 0	95·7	1004·5	1016·0	−1·1	288·6	307·4	July 24	280·8	256·3	Feb. 7	284·7	+0·8	284·8	914	−220
423	St. John, N.B.	45 17	66 4	21·3	..	1014·6	−0·5	282·8	298·6	Aug. 15	275·9	250·9	Jan. 5	279·4	+1·0	*279·3*	1140	− 6
424	S. W. Point, Anticosti	49 24	63 35	9·1	1011·2	1012·3	−0·3	281·6	298·6	July	270·6	246·6	Jan.	276·1	..	..	940	..
425	Sable Island (Main Station)	43 57	60 6	7·6	1014·2	1015·1	..	283·6	296·3	Aug.	278·6	262·2	Jan.	281·1	+0·8	..	1669	+322
426	St Johns, Newfoundland	47 34	52 42	38·1	..	1012·0	−1·5	283·1	300·8	July 10, 15	275·6	254·1	Feb. 26	279·4	+1·6	..	1471	+ 61
435	Madrid	40 24	3 41	655·4	941·7	1017·6	+0·2	293·5	312·0	July 21, Aug. 20	279·1	264·4	Jan. 24	286·3	−0·7	285·9	335	− 81
436	Nantes	47 15	W 1 34	41·4	1010·4	1015·4	−1·9	288·5	303·0	Aug. 14	280·1	269·3	Jan. 31, Feb. 10	284·3	−0·6	*284·0*	1046	+316
437	Paris (Parc St. Maur)	48 49	E 2 29	50·3	1008·3	1014·4	−2·1	287·9	300·6	July 15	279·2	266·9	Jan. 27	283·6	+0·2	283·3	750	+193
438	Marseilles	43 18	5 23	75	1004·9	1014·0	−1·0	291·6	304·5	Aug. 21	278·6	263·2	Jan. 28	282·7	+0·2	281·7	1461	+314
438a	Zürich	47 23	8 33	493·2	957·4	1016·0	−2·0	286·9	305·0	July, Aug.	284·1	272	Jan. 9, Dec. 24	288·4	−0·1	*288·3*	769	− 52
439	Rome	41 54	12 29	63·4	..	1013·4	−1·0	292·8	305	July 22	279·4	265·0	Jan. 27	282·7	+0·6	282·6	903	+280
440	Vienna	48 15	16 22	202·5	989·9	1014·3	−2·4	285·9	303·5	Aug. 22	280·1	266·0	Nov. 22	284·1	+1·4	*284·0*	694	+ 37
440a	Buda-Pesth	47 30	19 2	112·5	..	1014·4	−2·3	288·1	307·9	Aug. 22	279·8	259·0	Jan. 9	284·9	+0·8	*284·3*	641	+ 62
441	Bucharest	44 25	26 6	82	1005·4	1015·4	−1·1	289·9	310·0	Aug. 5								
442																		
443	Odessa (University)	46 29	30 46	65·3	1008·3	1016·3	−0·9	287·1	304·0	June 17	280·5	250·5	Jan. 9	283·8	+0·9	*283·6*	408	+ 3
444	Kharkov (University)	50 0	36 14	140	..	1017·5	+0·3	..	305	July	..	244	Jan.	281·0	+1·2	*280·7*	590	+105
444a	Novorossiisk	44 40	37 49	37	..	1015·2	−1·6	..	305	June	..	261	Jan.	286·5	+0·7	*286·2*	731	+ 36
445	Tiflis	41 43	44 48	409	..	1017·5	−0·2	..	308	July	..	265	Jan., Dec.	286·0	+0·2	*285·8*	591	+100
446	Astrakhan	46 21	48 2	−14	..	1019·1	+0·7	..	311	July	..	255	Jan. March	283·3	+0·6	*283·0*	141	− 9
447	Fort Alexandrovsk	44 31	50 16	24	..	..	..	..	..	..	..	..	..	..	..	..	..	..
448	Krasnovodsk	40 0	52 59	−15	..	1016·2	−1·3	..	314	July	..	266	Jan.	289·7	+1·0	*289·4*	..	..
449	Tachkent	41 20	69 18	478·3	..	1018·6	+1·2	..	312·8	July 18	..	..	..	..	−0·1	*286·4*	..	..
450	Irgiz	48 37	61 16	112	..	..	..	..	..	..	..	..	..	..	..	..	..	..
451	Narynskoe	41 26	76 2	?2015	..	..	..	..	..	..	..	..	..	..	..	..	..	..
452	Vernyi	43 16	76 53	824·8	..	..	..	..	..	..	..	..	..	..	..	..	..	..
461	Mukden	41 48	123 23	43·8	1011·1	1016·5	0·0	285·9	308·8	July 8	273·6	242·5	Jan. 31	279·8	−0·2	279·5	557	−101
462	Joshin	40 40	129 11	4·0	1014·2	1014·7	−0·1	285·2	305·5	July 22	275·9	251·0	Feb. 2	280·6	−0·7	280·1	724	+ 29
463	Vladivostok	43 7	131 54	15·7	..	1015·3	−1·4	..	300·6	July 22	..	..	..	..	−0·5	*276·9*	..	..
464																		
465	Ochiai (Galkino-vrasskoe)	47 20	142 44	15·0	1010·8	1012·7	..	281·0	303·3	July 27	268·5	237·6	Jan. 17	274·8	..	274·7	871	..
466	Nemuro	43 20 N.	145 35 E.	26·7	1009·2	1012·5	−0·1	282·1	297·2	Aug. 27	275·2	259·2	Feb. 13	278·6	+0·1	278·3	711	−194

Between Latitude 40° N. and 30° N.

YEAR—ZONE 5 (Western Half).

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure. Mean at Level of Station.	Pressure. Mean at M.S.L.	Pressure. Diff. from Normal.	Temperature. Mean Max.	Temperature. Absolute Max.	Temperature. Date.	Temperature. Mean Min.	Temperature. Absolute Min.	Temperature. Date.	Temperature. *Mean.	Temperature. Diff. from Normal.	Temperature. †24 hr. Mean.	Precipitation. Total.	Precipitation. Diff. from Normal.
		° N. ′	° W. ′	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.
511	San Francisco	37 48	122 26	47·2	1012·0	1017·8	+1·1	289·3	305·2	May 30	282·4	275·2	Jan. 3	285·9	+0·2	*285·3*	314	− 301
512	San Luis Obispo	35 18	120 39	61·3	1010·2	1017·7	+1·2	293·9	310·2	Sept. 10	281·4	270·2	Feb. 3	287·7	+0·7	*287·3*	251	−296
513	Modena	37 48	113 54	1670	834·6	1015·6	+1·3	291·3	308·6	July 21	274·8	244·7	Jan. 6	283·1	+0·9	*283·1*	241	− 52
514	San Diego	32 43	117 10	26·5	1012·7	1015·8	+0·6	292·4	308·6	April 23	285·4	274·1	Jan. 6	288·9	0·0	*288·7*	146	−121
515	Santa Fé	35 41	105 57	2138	788·9	1015·4	+1·8	289·8	304·1	July 22	276·2	251·3	Jan. 6	283·0	+0·6	*282·8*	220	−148
516	Denver	39 45	105 0	1613	838·1	1016·0	+1·4	292·0	311·3	July 23	277·0	251·3	Jan. 5	284·5	+1·6	*284·4*	327	− 30
517	Abilene	32 23	99 40	529·6	955·6	1016·3	+1·1	298·8	313·6	June 2, Aug. 2	285·2	261·3	Feb. 17	292·0	+1·8	*291·8*	405	−223
518	Saint Louis	38 38	90 12	172·8	996·6	1017·2	0·0	290·7	307·4	July 25	281·3	254·7	Feb. 23	286·0	−0·2	*285·8*	948	+ 3
519	Mobile	30 41	88 2	17·4	1016·0	1018·1	+0·5	297·4	308·6	Aug. 3	288·0	269·7	Jan. 7, Feb. 26	292·7	+0·8	*292·3*	1332	−244
520	Nashville	36 10	86 47	166·4	998·7	1018·6	+0·6	293·4	307·4	Aug. 18	282·4	258·6	Feb. 18	287·9	−0·3	*287·7*	1090	−142
521	Charleston	32 47	79 56	14·6	1016·3	1018·0	−0·1	295·5	308·0	sev. dates	287·3	270·8	Dec. 21	291·4	−0·3	*291·1*	1008	−315
522	Washington	38 54	77 3	34·1	1012·8	1017·0	−0·9	291·0	308·0	July 9	280·0	259·7	Feb. 7, Dec. 10	285·9	+0·2	*285·8*	992	−113
523																		
524	Bermuda	32 17	64 30	46·0	..	1020·9	+1·5	296·3	304·6	Aug. 14	290·8	280·8	Feb. 8	293·6	−0·2	..	1323	−237
531	Horta	38 32	28 38	30	..	1022·4	+0·9	293·0	301	July 29, Aug. 1, 2	289·1	279	Feb. 22	291·0	+0·4	..	640	− 57
532	Ponta Delgada	37 45	25 41	17	1021·1	1023·1	+1·5	292·5	299·8	Aug. 10	288·4	277·8	Feb. 22	290·5	+0·2	..	527	−303
533	Madeira (Funchal)	32 38	16 55	25	1017·9	1020·8	+1·1	294·1	303·6	Sept. 3	285·1	278·0	Dec. 23	289·6	−0·4	*290·7*	584	−100
534	Lisbon	38 43	9 9	95	1007·2	1018·6	+0·8	292·4	310·5	June 19	285·7	275·9	Dec. 30	289·0	0·0	*288·7*	720	− 36
535	Casablanca	33 37	7 35	? 17	..	..	..	293·1	306·3	Sept.	287·7	277·7	Jan.	290·4	−0·3	*290·2*	399	− 3
536	Gibraltar	36 6	5 21	16·2	1014·2	1016·1	−0·5	295·0	308·0	July 7	..	..	..	..	−0·3	*290·2*	611	−297
		N. ° ′	W. ° ′	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.

* Mean of max. and min. or of observations at fixed hours. † Computed means for the 24 hours are in *italics*.

YEAR—ZONE 5 (Eastern Half). Table representing the Meteorology of the Globe between Latitude 40° N. and 30° N.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure: Mean at Level of Station.	Pressure: Mean at M.S.L.	Pressure: Diff. from Normal.	Temperature: Mean Max.	Temperature: Absolute Max.	Temperature: Date.	Temperature: Mean Min.	Temperature: Absolute Min.	Temperature: Date.	Temperature: *Mean.	Temperature: Diff. from Normal.	Temperature: †24 hr. Mean.	Precipitation: Total.	Precipitation: Diff. from Normal.
		° N. ′	° E. ′	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.
537	Algiers	36 47	3 4	38·5	1011·8	1016·4	−0·1	295·1	311·5	July 22	287·7	277·7	April 2	291·4	−0·7	*290·9*	669	− 28
538	Palma	39 33	2 42	23	′′	..	..	293·8	306·2	Aug. 21	285·8	275·2	April 2	289·8	0·0	..	506	+ 53
538a	Tunis	36 48	10 10	43	..	1017·5	+0·8	298·1	317	July 23, Aug. 3	284·6	275	Feb. 2	291·3	+0·3	..	384	− 48
539	Malta	35 54	14 31	59	..	1016·6	+0·2	294·2	307	July 20	288·5	279	Jan. 24	291·3	−0·3	..	493	+ 43
540	Catania	37 30	15 3	64·9	1006·9	1014·7	−0·8	294·6	310·1	July 19	285·9	276·9	Jan. 24	290·3	−0·3	..	299	− 339
541	Athens	37 58	23 43	107·1	..	1014·3	−1·0	294·2	309	July 21, Aug. 7, 11	286·4	272	Jan. 9	290·3	−0·4	*290·0*	534	+ 134
542	Alexandria	31 9	29 54	32·0	..	1015·2	+0·2	297·8	311	sev. dates	288·9	279	Jan. 13, 16	293·3	−0·6	*292·8*	180	− 44
543	Cairo (Helwan)	29 52	31 20	115·6	..	1014·7	−0·4	300·5	315	June 7	287·9	275	Jan. 13	294·2	−0·1	294·0	14	− 22
544	Nicosia	35 12	33 24	152	..	1012·5	−1·0	299·0	315·2	Aug. 12, 13	282·6	269·7	Jan. 13	290·8	−0·9	*290·9*	428	+ 52
544a	Beirut	33 54	35 28	52·4	..	1013·4	+0·3	296·7	307	May 3	289·6	274	March 14	293·2	−0·4	..	920	+ 11
545	Baghdad	33 21	44 28	38·7	..	..	..	..	319·8	July 12	..	271·6	Jan. 11	..	..	..	139	− 38
546	Lenkoran	38 46	48 52	−19	..	1017·0	+0·1	..	305	July	..	269	Jan.	..	−0·2	*287·7*	1268	+ 79
547	Busrah	30 31	47 53	7·6	1010·5	1011·4	−1·1	301·2	315·7	July 11	292·1	274·7	Dec. 15	296·6	−0·1	..	292	+ 132
548	Meshed	36 16	59 35	946	906·5	..	..	294·1	311·7	July 19	..	254·0	Jan. 15	..	..	..	274	+ 36
549	Quetta	30 11	67 3	1677	832·2	..	−0·2	296·1	309·7	Aug. 13, 14	..	256·9	Jan. 17	..	..	..	149	− 105
550																		
551	Lahore	31 34	74 20	214	983·9	1008·5	−0·4	304·7	320·4	May 25, June 10	289·8	271·4	Dec. 23	297·3	?−0·1	*296·7*	358	− 142
551a	Simla	31 7	77 8	2205	780·2	..	−0·2	288·8	300·4	May 26	282·8	269·8	Feb. 26	285·8	−0·2	*285·6*	2037	+ 435
552	Leh	34 10	77 42	3503	665·4	..	−0·7	285·9	301·4	July 18	271·8	255·5	Jan. 11	278·9	0·0	*278·0*	86	+ 4
552a	Dehra Dun	30 20	78 0	681	932·6	1009·0	−0·6	300·5	313·3	May 14, June 10	288·8	276·3	Dec. 26	294·7	−0·1	*294·2*	2771	+ 605
559	Hang Kow	30 35	114 17	37·0	1012·5	1016·9	−0·1	293·3	312·1	July 29	285·8	266·3	Jan. 21	289·6	−0·6	*289·2*	1025	− 88
560	Tiensin	39 10	117 10	5·0	1016·9	1017·5	0·0	290·8	312·0	July 7	279·8	257·4	Feb. 1	285·3	−0·2	..	506	− 31
561	Shanghai (Zi-Ka-Wei)	31 12	121 26	7	1015·1	1015·9	+0·2	293·2	311·3	July 25	284·1	264·5	Feb. 2	288·6	−0·2	287·8	1116	− 8
562	Jinsen (Chemulpo)	37 29	126 32	67·0	1008·3	1016·5	+0·2	287·4	305·7	July 30	279·8	254·3	Jan. 31	283·6	−1·2	283·2	871	− 92
562a	Nagasaki	32 44	129 52	133·0	999·2	1015·1	−0·4	292·3	308·1	July 30	284·8	268·4	Feb. 2	288·6	−0·7	288·1	2085	+ 92
563	Kioto	35 1	135 46	49·4	1008·9	1014·9	−0·5	293·0	308·6	Aug. 26	281·0	264·0	Feb. 3	287·0	−0·3	286·4	1595	− 1
564	Tokio	35 41	139 45	21·3	1010·8	1013·3	−0·9	290·8	305·8	Aug. 1	282·7	267·2	Feb. 2	286·7	−0·3	286·5	1751	+ 260
565	Miyako	39 38	141 59	30·4	1009·9	1013·6	−0·4	288·4	305·0	Aug. 28	278·5	262·1	Feb. 2	283·5	−0·4	282·7	1605	+ 632
566		N.	E.															

YEAR—ZONE 6. Between Latitude 30° N. and 20° N.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure: Mean at Level of Station.	Pressure: Mean at M.S.L.	Pressure: Diff. from Normal.	Temperature: Mean Max.	Temperature: Absolute Max.	Temperature: Date.	Temperature: Mean Min.	Temperature: Absolute Min.	Temperature: Date.	Temperature: *Mean.	Temperature: Diff. from Normal.	Temperature: †24 hr. Mean.	Precipitation: Total.	Precipitation: Diff. from Normal.
		N.	W.															
605	Honolulu	21 19	157 52	11·6	1016·2	1017·5	+0·6	298·9	302·4	Aug., Sept.	293·2	287·4	Feb.	296·1	−0·5	..	669	− 251
606																		
615	Zacatecas	22 47	102 33	2610	748·0	..	..	290·1	297·2	June 10	281·4	271·6	Dec. 30	285·8	..	..	399	..
616	Leon	21 7	101 41	1798·6	823·1	..	−0·1	297·4	305·9	June 4	283·2	270·9	Jan. 22	290·3	−1·1	..	585	− 91
617	Galveston	29 18	94 50	16·5	1016·1	1018·1	+1·5	296·6	305·8	Sept. 9	291·3	268·6	Feb. 18	294·0	+0·3	*293·9*	1206	+ 10
618	New Orleans	29 58	90 4	15·6	1016·1	1017·9	+0·8	298·1	308·0	July 29	289·3	269·7	Feb. 18	293·7	+0·6	*293·3*	1308	− 152
619	Havana	23 8	82 22	24·3	..	1017·2	+1·1	299·5	305·8	May 23	293·4	283·1	Feb. 7	296·5	−0·7	*296·4*	1120	− 157
620	Key West	24 33	81 48	6·7	1016·3	1017·0	+0·5	299·8	306·3	Aug. 29	294·2	283·6	Dec. 4	297·0	−0·9	*296·9*	722	− 260
621	Nassau, Bahamas	25 5	77 21	7·6	1015·9	1016·8	+0·3	299·9	305·5	Aug. 26	294·5	287·7	Jan. 25	297·2	−0·6	..	654	− 770
622																		
633	Puerto de Orotava	28 25	16 32	?100	..	..	..	294·1	305·8	Sept.	288·2	281·6	Dec.	291·2	−1·0	..	209	− 242
634	Las Palmas, Canary Islands	28 7	W15 26	7	..	..	..	296·9	306·8	Sept. 25	289·9	283·2	Dec. 23	293·4	0·0	..	240	+ 25
637	Insalah	27 17	E 2 27	330	979·7	1017·3	−0·5	307·3	324·6	July 18	288·5	270·5	Dec. 31	297·9	−0·4	*297·7*	8	..
638																		
641	Dakhla Oasis	25 30	29 0	130·0	..	1017·0	+0·2	305·6	320	June 8	..	..	..	..	..	*297·5*	..	..
642	Wadi Halfa	21 55	31 20	128·3	..	1013·1	−0·4	306·3	319	June 8, 16, 17	289·9	274	Jan. 21	298·1	−0·5	*298·5*	..	..
643	Suez	29 57	32 32	3·4	..	1014·3	+0·4	301·6	315	July 24	288·8	275	Jan. 13	295·2	+0·2	..	12	− 16
644	Aswan	24 2	32 53	99·6	..	1013·8	+0·6	306·9	319	June 8, July 11	291·5	281	Jan. 19	299·2	−0·2	*299·9*	..	..
647	Bushire	28 59	50 53	4	1009·3	1009·8	−0·5	299·9	312·6	July 15	292·9	276·9	Jan. 14	296·4	−0·7	..	465	+ 183
648	Jask	25 44	57 47	4	1008·7	1009·2	−1·1	302·7	313·2	June 6	295·9	279·3	Jan. 14	299·3	−0·3	..	132	+ 26
649	Kurrachee	24 53	66 57	4	1009·1	1009·6	−0·2	301·8	308·6	June 27	294·5	279·1	Jan. 15	298·2	−0·1	*297·6*	321	+ 124
650	Hyderabad, Sind	25 24	68 18	29	1005·0	1008·4	−0·5	306·7	319·4	June 25	292·8	275·8	Jan. 16	299·8	−0·4	..	259	+ 79
651	Jaipur	26 56	75 52	436	960·5	1009·8	−0·3	305·5	318·7	May 24	291·2	275·3	Dec. 22	298·3	−0·4	*297·6*	436	− 176
652	Nagpur	21 8	79 5	310	974·3	1009·5	−0·3	306·0	318·1	May 18	292·8	281·2	Jan. 19	299·4	−0·5	*298·9*	1509	+ 260
653	Allahabad	25 25	81 51	94	997·7	1008·4	−0·4	305·1	318·1	May, 15, 16	291·9	277·7	Dec. 28	298·5	−0·3	*297·8*	868	− 129
654	Calcutta	22 36	88 23	6	1008·0	1008·6	−0·4	303·9	313·4	April 11	294·3	280·5	Dec. 24	299·1	+0·2	*298·8*	1454	− 114
655	Gauhati	26 8	91 41	59	1003·3	1010·2	..	302·1	309·3	Sept. 6	292·1	280·8	sev. dates	297·1	..	..	1377	− 218
655a	Cherrapunji	25 15	91 42	1314	865·8	..	..	293·1	299·5	May 27	..	..	..	..	..	..	12361	+1950
656	Shillong	25 33	91 48	1500	848·2	..	..	293·9	301·3	April 12	284·6	272·3	Jan. 20	289·3	..	..	2431	+ 281
656a	Akyab	20 11	92 56	6	1009·0	1009·7	−0·6	302·2	307·9	Apr. 30, May 17, 20	294·8	284·9	Jan. 23	298·5	−0·7	*298·3*	5540	+ 677
657	Phu Lien	20 48	106 37	115·6	997·6	1011·1	−0·2	299·6	311·3	July 14	293·4	282·3	Dec. 4	296·5	−0·2	295·7	1653	− 58
658	Moncay	21 31	107 51	10	1010·3	1011·4	−0·1	299·8	308·6	June 29	292·3	277·0	Jan. 26	296·0	−0·1	*295·4*	2803	+ 122
659																		
660	Hong Kong	22 18	114 10	33·2	..	1012·4	−0·4	..	305·9	Aug. 29	..	279·8	Jan. 25	..	+0·2	295·2	1781	− 364
661	Taihoku, Formosa	25 2	121 31	9·3	1012·2	1013·3	−0·3	298·9	309·5	July 28	291·3	278·3	Dec. 26	295·1	−0·1	294·5	1969	− 98
662	Naha	26 13	127 41	10·5	1012·0	1013·2	−0·7	298·4	308·1	July 21	292·3	280·8	Dec. 30	295·3	+0·1	295·1	2869	+ 720
		N.	E.															
		° ′	° ′	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.

* Mean of max. and min. or of observations at fixed hours. † Computed means for the 24 hours are in *italics*.

YEAR—ZONE 7. Table representing the Meteorology of the Globe between Latitude 20° N. and 10° N.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure: Mean at Level of Station.	Pressure: Mean at M.S.L.	Pressure: Diff. from Normal.	Temperature: Mean Max.	Temperature: Absolute Max.	Temperature: Date.	Temperature: Mean Min.	Temperature: Absolute Min.	Temperature: Date.	Temperature: *Mean.	Temperature: Diff. from Normal.	Temperature: †24 hr. Mean.	Precipitation: Total.	Precipitation: Diff. from Normal.
		° N. ′	° W. ′	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.
715	Zapotlanejo	19 38	103 37	..	..	..	..	..	311·0	Sept.	..	274·0	Jan.	..	..	..	1208	..
716	Morelia	19 42	101 7	1951	810·4	..	..	296·0	302·5	May 17	282·6	274·1	Jan. 21	289·3	..	*289·2*	569	..
717	Salina Cruz	16 12	95 12	56·3	1007·1	1013·6	..	..	307·4	April 10, May 11	..	288·5	Jan. 23	..	..	*298·6*	792	..
718	Mexico	19 26	99 8	2280	780·6	..	+0·8	295·1	303·0	May 22	281·7	270·2	Jan. 22	288·4	−0·8	287·7	559	− 14
718a	Oaxaca	17 4	96 44	1563	847·4	..	..	300·1	306·5	May 2	284·6	273·6	Jan. 1	292·4	..	*291·8*	597	..
719	Belize	19 29	88 12	1·9	..	..	..	..	305·8	Sept.	..	289·1	Jan.	..	..	..	1619	− 744
720	San Salvador	13 44	89 9	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
721	Jamaica (Negril Point)	18 15	78 23	10·1	..	1013·9	+0·8	302·6	305·6	Oct. 3	294·2	289·6	Jan. 26	298·4	−0·5	*297·9*	1340	− 38
722	Port au Prince	18 34	72 22	37·4	1010·4	1014·7	+0·6	304·7	309·7	Sept.	294·3	288·2	Feb.	299·5	−0·4	298·7	1612	+ 284
723	St. Croix (Christiansted)	17 45	64 42	6·6	1012·6	1013·3	..	301·5	305·2	June	296·8	292·9	Feb.	299·2	..	..	1118	..
724	Grenada (Richmond Hill)	12 3	61 45	155·8	994·9	1012·8	+0·3	301·6	305·2	Oct. 26	296·1	293·6	sev. dates	298·8	−0·2	*298·3*	2417	+ 499
725	Barbados	13 8	59 36	55·2	..	1013·3	+1·8	301·9	304·8	April	297·1	290·9	Feb.	299·5	0·0	*299·3*	1032	− 311
731	St. Vincent, C. Verde Is.	16 54	25 4	11	1013·0	1014·2	+0·2	299·1	304·0	Sept. 8	293·9	287·0	March 21, Dec. 24	296·5	−0·2	..	60	− 143
732	San Tiago, C. Verde Is.	14 54	23 31	34	1011·0	1014·9	..	300·2	305·7	Oct. 10	295·2	290·1	March 19	297·7	+0·4	..	198	− 79
733	Bathurst	13 24	16 36	1·5	..	1012·1	−0·5	303·9	313·0	April 17	294·2	286·9	Jan. 11, 12	299·0	+0·6	*299·3*	1118	− 123
734	M'Carthy Island	13 42	14 46	1·1	..	..	..	..	..	..	..	..	..	..	..	..	899	+ 68
735	Ségou	13 34	6 17	272	..	..	..	..	317·0	May 4	..	..	..	..	..	..	..	..
736	Timbouctoo	16 43	W 2 52	250	..	..	..	..	..	..	..	..	..	..	..	..	..	..
737	Sokoto	13 2	E 5 14	354	..	..	..	307·1	315·2	Apr. 7, May 5, 6, 7	294·0	276·9	Jan. 4	300·6	−0·3	..	587	− 54
738	Kontagora	10 24	5 29	400	..	..	..	306·6	314·1	March 24	292·5	284·7	sev. dates	299·6	−0·2	..	1347	+ 155
739	Maiduguri	11 48	13 12	361	..	..	..	..	..	..	..	..	..	..	..	..	..	..
740	Katagum	12 17	10 22	402	..	..	..	306·8	317·4	April 7	292·3	281·3	Feb. 13	299·6	−0·7	..	462	− 41
742	Kadugli	11 2	29 45	503	..	..	..	..	..	..	..	..	..	..	..	..	..	..
743	El Obeid	13 11	30 14	585	..	1012·4	−0·5	307·4	315	sev. dates	290·7	277	Jan. 21	299·1	−0·1	*299·5*	297	− 88
744	Khartoum	15 37	32 33	390	..	1010·4	+0·4	309·6	320	June 8	294·0	282	Jan. 21	301·8	−0·2	*302·1*	110	− 1
746	Aden	12 45	45 3	28·7	1007·6	1010·6	−0·1	303·9	310·1	May 27, July 7	298·6	292·4	Jan. 15, 16	301·3	−0·1	*300·8*	82	+ 14
751	Bombay	18 54	72 49	11·3	1008·9	1010·1	−0·7	303·2	308·0	June 3	296·7	288·8	Jan. 18	299·9	+0·1	*299·3*	1724	− 102
752	Mysore	12 18	76 40	768	926·2	1011·6	−0·6	302·6	310·5	April 13	291·4	284·1	Dec. 3	297·0	−0·4	*296·2*	1083	+ 286
752a	Kodaikanal	10 13	77 28	2343	769·9	..	−1·3	291·0	297·2	April 2	283·6	278·0	Feb. 7, 8, Dec. 17	287·3	−0·1	286·6	1824	+ 258
753	Madras	13 4	80 14	6·7	1009·0	1009·7	−0·9	305·6	318·0	May 21	296·7	289·7	Dec. 18, 20	301·2	−0·1	300·5	1130	− 125
754	Waltair	17 45	83 16	68·9	1001·3	1009·1	−0·5	302·6	309·4	May, 1, 9	297·6	293·6	Jan. 15	300·3	−0·6	*299·7*	2899	− 112
755	Port Blair	11 40	92 40	17·7	1007·8	1009·8	−0·7	302·9	306·2	May, 1, 9	297·6	293·6	Jan. 15	300·3	−0·6	*299·7*	2139	− 128
756	Rangoon	16 46	95 48	5·5	1009·5	1010·2	−0·7	304·6	311·7	May 10	296·2	288·8	Jan. 5, 22	300·4	+0·1	*299·3*	2607	+ 93
757	Saigon	10 46	106 42	11·2	..	..	..	..	..	..	..	..	..	..	..	..	2512	+ 567
758	Nhatrang	12 16	109 12	6·8	1008·3	1009·0	−0·6	304·7	311·3	Sept. 5	296·1	290·1	Jan. 27	300·4	+0·3	..	1562	+ 161
759	Bolinao	16 24	119 53	7·5	..	..	..	..	309·1	June 12	..	291·5	Feb. 2	..	..	..	..	..
760	Vigan	17 34	120 23	20	..	1009·0	−0·4	..	309·5	Nov. 2	..	290·7	Jan. 26	..	−0·1	*299·9*	2505	− 317
761	Manila	14 35	120 59	14·2	..	1009·1	−0·7	304·7	308·2	April 16	295·4	290·4	Jan. 30	300·1	−0·6	*299·2*	1928	− 7
762	Ormoc	11 0	124 36	5·6	..	1008·5	−0·8	..	306·8	June 12	..	290·9	March 1	..	−0·3	*298·7*	2139	− 112
765	Guam, Ladrone Is.	13 24	144 38	20·4	..	1008·8	0·0	302·4	304·6	June 8, July 19, 20, 21	297·3	294·4	April 18th	299·9	0·0	..	2290	+ 93
		N.	E.															

Between Latitude 10° N. and 0°. YEAR—ZONE 8.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure: Mean at Level of Station.	Pressure: Mean at M.S.L.	Pressure: Diff. from Normal.	Temperature: Mean Max.	Temperature: Absolute Max.	Temperature: Date.	Temperature: Mean Min.	Temperature: Absolute Min.	Temperature: Date.	Temperature: *Mean.	Temperature: Diff. from Normal.	Temperature: †24 hr. Mean.	Precipitation: Total.	Precipitation: Diff. from Normal.
		N.	W.															
805	Fanning Island	3 55	159 23	4·3	..	..	..	302·1	304·1	May 18	297·4	294·9	May 12	299·8	−0·7	*299·1*	1436	−1528
819	Culebra	9 10	79 40	..	..	..	..	..	..	..	..	..	..	..	..	..	2626	+ 411
823	El Peru, Guayanavieja	7 30	62 0	?300	..	..	..	..	..	..	..	..	..	..	..	..	..	..
825	Georgetown, Brit. Guiana	6 50	58 12	1·8	1012·4	1012·6	+0·3	302·7	305·1	Aug. 21	296·7	294·1	Dec. 19, 21	299·7	0·0	..	2577	+ 235
826	Paramaribo	5 49	55 9	4	1012·7	1013·1	+0·2	303·1	306·6	Oct. 8	295·6	291·8	March 27, Dec. 28	299·4	−0·3	*298·8*	1994	− 277
826a	Cayenne	4 56	52 21	6	..	..	..	303·1	306·4	Oct. 10	296·1	293·4	May 15	299·6	−0·2	*299·9*	3662	+ 454
833	Conakry	9 31	13 43	16	1009·1	1010·9	−0·3	303·7	309·8	May	296·5	292·2	Jan.	300·1	+0·3	*300·3*	..	..
834	Sierra Leone	8 30	13 9	68·3	1003·0	1010·9	−0·8	304·5	310·4	March 22	295·9	291·9	Jan. 19	300·2	0·0	..	3389	− 657
835	Cape Coast Castle	5 5	1 13	..	..	..	..	303·1	309·1	March 24	295·1	288·6	Aug. 11	299·1	−0·3	..	643	− 196
836	Accra	5 35	W 0 6	18	..	..	..	..	..	..	..	..	..	..	..	..	927	+ 240
837	Lagos	6 27	E 3 24	7·6	..	..	..	303·1	306·9	March	296·4	291·3	Jan.	299·8	0·0	..	1764	− 75
838	Zungeru	9 48	6 10	130	..	1010·8	−0·9	306·8	314·7	March 21	294·0	286·9	Jan. 25, Nov. 8, 9	300·4	−0·1	..	1357	+ 234
838a	Libreville	0 23	9 26	35	..	..	..	302·9	310·1	May 2	294·3	292·2	Feb. 20	298·6	−0·3	..	3055	+ 492
839	Yola	9 12	12 30	259	..	..	..	306·6	314·7	March 22, 23	294·9	288·6	Dec. 11	300·8	−0·1	..	980	− 2
841	Kafia Kingi	9 22	24 18	596	..	..	..	..	..	..	..	..	..	..	..	..	..	..
842	Wau	7 42	28 3	440	..	1010·0	..	307·1	319·1	April 16	..	284·0	Dec. 21	..	..	..	1304	+ 272
843	Entebbe	0 5	32 29	1171	882·6	..	−1·0	298·9	303·0	Feb. 19, 20, 22	289·8	286·8	Aug. 5	294·3	−0·2	*293·7*	1580	+ 82
844	Nandi	0 2	35 5	2010	..	..	..	..	..	..	..	..	..	..	..	..	1668	− 66
845	Harrar	9 42	42 30	1856	..	..	..	297·6	302·0	Feb. 15, 16	286·8	283·0	Jan. 9	292·2	..	..	603	..
851	Cothin	10 0	76 21	2·7	1010·6	1010·9	−0·5	303·8	308·1	Feb. 4	296·6	292·6	May 6	300·2	−0·1	*299·6*	3108	+ 217
852	Colombo Observatory	6 54	79 53	7·3	1008·3	1009·1	−0·2	303·9	307·6	Jan. 30	296·4	289·7	Feb. 7	300·2	−0·3	*299·6*	1516	− 842
853	Candy	7 18	80 40	504·5	..	..	..	301·3	307·2	March 25	293·3	289·2	Feb. 27	297·3	+0·1	..	2060	− 35
855	Medan	3 35	98 41	23·5	..	1009·8	−0·6	..	..	..	..	..	..	..	..	..	2373	+ 323
856	Kota Radja	5 32	95 20	7·1	..	1010·1	−0·5	..	..	..	..	..	..	..	..	..	1460	− 210
857	Penang	5 34	100 20	4·9	1008·9	1009·4	−0·6	304·8	308·0	May 14, 16, 20, Aug. 17	295·3	290·2	Oct. 18, 22, 23	300·1	−0·5	..	2620	− 207
858	Singapore	1 17	103 51	2·2	1009·0	1009·2	−0·1	303·8	306·3	Dec. 5	296·3	294·9	Mar. 17, 31, Apr. 2	300·1	+0·3	..	2861	+ 525
860	Sandakan	5 49	118 12	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
861	Tagbilaran	9 38	123 51	26·2	..	1007·6	−1·4	..	308·4	May 27	296·6	293·1	Feb. 24	..	..	*299·8*	1827	− 109
862	Surigao	9 48	125 29	6	..	..	..	..	307·5	Aug. 31	..	292·8	March 6	..	..	..	..	..
863	Yap	9 29	138 8	31·9	..	1006·9	−0·6	303·9	306·4	Oct. 16, 25	297·4	294·4	Feb. 18	300·6	+0·1	..	3217	+ 291
869	Uyelang	9 42	161 3	<10	1009·1	..	−0·6	..	..	..	..	..	..	..	..	..	1925	− 100
		N.	E.															
		° ′	° ′	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.

* Mean of max. and min. or of observations at fixed hours. † Computed means for the 24 hours are in *italics*.

YEAR—ZONE 9.

Table representing the Meteorology of the Globe between Latitude 0° and 10° S.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure. Mean at Level of Station.	Pressure. Mean at M.S.L.	Pressure. Diff. from Normal.	Temperature. Mean Max.	Temperature. Absolute Max.	Temperature. Date.	Temperature. Mean Min.	Temperature. Absolute Min.	Temperature. Date.	Temperature. *Mean.	Temperature. Diff. from Normal.	Temperature. †24 hr. Mean.	Precipitation. Total.	Precipitation. Diff. from Normal.
		° ′ S.	° ′ W.	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.
905	Malden Island	3 59	155 0	8·8	1009·7	1010·7	+0·8	304·6	305·8	sev. dates	296·7	294·1	sev. dates	300·7	−0·6	*299·9*	321	− 230
906																		
923	Manaos	3 8	59 59	44·9	1003·4	1008·5	..	304·5	309·0	Sept. 28	296·8	294·6	Feb. 9	300·7	..	..	1946	+ 334
929	Quixeramobim	5 16	39 18	207·0	988·4	1011·9	+1·6	304·3	308·2	Oct. 18	296·9	292·4	Aug. 13	300·6	−0·1	*300·3*	1102	..
930	Fernando Noronha	3 51	W32 25	95	..	..	..	..	..	..	..	..	..	..	..	..	..	..
939	Sainte-Croix-des-Eshiras	1 44	E10 21	195	..	..	..	305·3	309·3	April 4	293·2	287·6	July 31	299·3	+0·3	..	1399	− 512
940	Loango	4 38	11 45	? 50	..	..	..	..	305·8	March 5	..	..	..	..	..	..	..	..
943	Daressalam	6 49	39 18	7·6	1012·5	1013·3	−0·9	301·4	304·6	April 8	294·5	289·6	July 20	298·0	−0·6	297·9	878	− 259
944	Nairobi	1 18	36 59	1660	..	..	..	295·9	301·9	March 14	283·3	276·9	Aug. 2, Sept 2	289·6	−0·9	..	707	− 266
944a	Zanzibar	6 10	39 11	21·9	1013·0	1015·5	−0·1	301·6	305·1	April 9	297·6	294·2	July 5	299·6	−0·1	*298·8*	1444	− 164
945																		
946	Lamu	2 16	40 54	3·0	..	..	..	..	..	..	..	..	..	..	..	..	1795	+ 418
947	Seychelles	4 37	55 27	4·6	1011·2	1012·0	−0·2	301·1	303·7	April	297·9	295·3	Sept.	299·5	+0·2	*298·8*	2159	− 255
948																		
955																		
956	Padang	0 56	100 22	6·7	..	1010·4	−0·7	..	..	..	..	..	..	..	..	..	4196	− 294
957	Batavia	6 11	106 50	8	..	1009·2	−0·8	303·1	307·3	Nov. 7	296·3	294·5	Dec. 17	299·7	+0·2	299·2	1539	− 259
958	Pontianak	0 1	109 20	2·6	..	1008·3	−1·1	..	..	..	..	..	..	..	..	..	3059	− 115
959	Passeroean	7 39	112 56	5·0	1008·5	1009·1	−0·8	304·1	306·5	Oct.	295·9	292·0	Sept.	300·0	..	*299·7*	1411	+ 131
960	Kajoemas	7 56	114 9	950	..	..	..	..	..	..	..	..	..	..	..	..	..	..
961	Koepang	10 10	123 34	3·3	..	1008·4	−1·0	..	..	..	..	..	..	..	..	..	1805	+ 300
962	Ambon	3 42	128 10	4·2	..	1008·4	−1·0	..	..	..	..	..	..	..	..	..	5152	+1653
965	Daru	9 4	143 13	8	..	..	..	302·7	..	..	297·3	..	..	300·0	+0·4	..	2221	− 133
966	Port Moresby	9 29	147 9	39	..	1009·5	−0·8	303·7	..	..	297·1	..	..	300·4	+0·4	..	974	− 72
967	Rakuranga	4 13	152 8	? 120	..	..	..	..	..	..	..	..	..	..	..	..	937	..
968	Rendova	8 24	157 19	..	..	..	..	..	..	..	..	..	..	..	..	..	4989	− 109
969	Tulagi, Brit. Solomon Is.	9 5	160 8	..	..	1007·9	−0·9	302·4	306·3	Dec. 5	297·1	295·2	sev. dates	299·8	..	..	3456	+ 526
970	Ocean Island	0 52	169 36	48·5	..	1009·9	+1·7	304·6	305·8	Sept. Nov. Dec.	298·2	294·9	May 3	301·4	+0·5	*300·7*	724	−1483
		° ′ S.	° ′ E.															

YEAR—ZONE 10.

Between Latitude 10° S. and 20° S.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure. Mean at Level of Station.	Pressure. Mean at M.S.L.	Pressure. Diff. from Normal.	Temperature. Mean Max.	Temperature. Absolute Max.	Temperature. Date.	Temperature. Mean Min.	Temperature. Absolute Min.	Temperature. Date.	Temperature. *Mean.	Temperature. Diff. from Normal.	Temperature. †24 hr. Mean.	Precipitation. Total.	Precipitation. Diff. from Normal.
		° ′ S.	° ′ W.	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.
1001																		
1002	Apia Samoa	13 49	171 45	4	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1003	Alofi, Niue Island	19 2	169 55	36·6	1011·0	1015·2	+0·4	302·4	308·6	Nov. 30	293·6	287·4	July 6	298·0	0·0	..	2505	+ 555
1004																		
1007	Makatea	15 47	148 14	39	..	..	..	..	..	..	..	291·3	Aug.	..	..	..	..	..
1008																		
1021	Puerto de Arica	18 28	70 20	5	1017·3	1017·9	..	294·2	300·4	Dec. 20	286·7	281·0	July 20	290·5	−1·3	*290·0*	..	..
1022	Arequipa	16 22	71 33	2451	761·3	..	+0·5	292·2	298·6	June 29	..	..	..	286·7	..	..	63	− 85
1023																		
1024	Sucre, Bolivia	19 3	67 17	2844	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1025	Araguaya	15 33	52 59	488	..	..	..	..	307·0	..	286·2	..	..	297·6	0·0	..	1375	− 36
1026	Cuyaba	15 35	56 0	235	990·6	1017·4	−1·1	303·2	309·2	Sept. 21	296·3	284·9	May 13	299·8	+0·4	..	1171	− 254
1027	Bello Horizonte	19 54	43 30	857	918·1	1013·9	..	299·1	308·0	Jan. 31	287·3	275·2	July 11	293·2	..	..	1313	..
1028	Cætite	14 2	42 37	900	915·4	1015·5	..	300·6	307·1	Sept. 17	289·4	283·2	July 9	295·0	..	..	861	..
1029	Ondina	13 0	38 30	45·2	1006·8	1012·0	..	300·5	306·2	Mar. 5	295·3	292·0	Sept. 5	297·9	..	..	1642	..
1030	Aracaju	10 55	37 4	4·3	..	..	..	..	..	..	..	291·9	July 12	..	..	..	..	..
1035	St. Helena	15 57	W 5 40	? 620	947·8	1019·3	0·0	291·9	298·6	March 1, 27	286·6	283·6	Aug. 20, 23, Sep. 30	289·3	−0·1	*289·0*	1128	+ 111
1036																		
1041																		
1042	Gwelo	19 26	E30 2	1416	859·0	..	−0·6	297·9	306·1	Nov.	282·9	271·8	June	290·4	−0·8	..	567	− 82
1043	Salisbury, Rhodesia	17 48	31 5	1487	858·2	..	−0·1	297·9	304·8	Oct.	283·7	273·8	July	290·8	−0·6	..	715	− 130
1044	Zomba	15 23	35 18	954	907·8	1014·2	+0·1	298·4	305·8	Nov. 4	288·1	280·2	sev. dates	293·3	−0·3	*291·9*	1481	+77
1045	Tamatave	18 9	49 26	4	1015·5	1015·9	0·0	..	..	..	..	288·0	July, Aug.	297·4	..	..	2741	− 378
1046	Tananarivo	18 55	47 32	1400	865·8	..	+0·2	297·1	302·6	Oct. 28	285·6	277·7	Aug. 3	291·4	−1·0	290·4	1216	− 144
1055	Cocos Keeling Is.	12 5	96 54	4·6	..	..	..	..	..	..	..	..	..	..	..	..	2918	+ 906
1056																		
1057	Christmas Is.	10 25	105 43	5·5	1006·9	1007·5	−1·5	303·0	306·2	May	296·6	294·2	Aug.	299·8	−0·3	..	3479	+1555
1058																		
1061	Derby	17 18	123 40	16·2	..	1010·2	−0·4	306·7	317·2	Feb. 9	295·9	283·6	Aug. 5	301·3	+0·7	..	588	− 106
1062	Hall's Creek	18 13	127 46	373·6	..	1010·2	−1·3	306·2	315·7	Jan. 20	291·5	274·8	Aug. 5	298·8	+0·3	..	610	+ 79
1063	Port Darwin	12 28	130 51	29·6	..	1008·6	−0·6	305·4	309·3	Oct. 15	296·9	289·7	July 19	301·2	0·0	*300·1*	2215	+ 654
1064	Daly Waters	16 16	133 23	210·6	..	1009·0	..	306·9	316·3	Nov. 24	293·0	279·7	July 19	300·0	+0·1	*299·4*	1099	+ 418
1065	Mein	13 13	142 57	121·9	..	1008·3	..	304·2	309·9	Nov. 25	294·7	283·1	June 26	299·4	..	..	1903	+ 748
1066	Georgetown, Queensland	18 23	143 33	301·8	..	1010·9	..	304·9	311·8	Oct. 27	291·7	274·7	July 18	298·3	..	..	944	+ 145
1067	Samarai	10 37	150 40	6·4	..	1009·6	−0·7	302·2	..	..	297·3	..	..	299·8	+0·4	..	3709	+ 992
1068																		
1070	La Kolle	17 40	168 20	30	..	..	..	..	..	..	..	284·5	July 15	..	..	..	..	..
1072	Suva, Fiji	18 8	178 26	13·4	..	1013·2	+0·4	301·7	308·6	Feb. 6	294·9	289·1	July 7	298·3	+0·2	..	3177	+ 390
		° ′ S.	° ′ E.	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.

* Mean of max. and min. or of observations at fixed hours.

† Computed means for the 24 hours are in *italics*.

YEAR—ZONE 11.

Table representing the Meteorology of the Globe between Latitude 20° S. and 30° S.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure. Mean at Level of Station.	Pressure. Mean at M.S.L.	Pressure. Diff. from Normal.	Temperature. Mean Max.	Temperature. Absolute Max.	Temperature. Date.	Temperature. Mean Min.	Temperature. Absolute Min.	Temperature. Date.	Temperature. *Mean.	Temperature. Diff. from Normal.	Temperature. †24 hr. Mean.	Precipitation. Total.	Precipitation. Diff. from Normal.
		° ′ S.	° ′ W.	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.
1105	Rarotonga (Avarua)	21 12	159 47	..	..	..	..	299·5	303·0	Dec. 18	294·1	286·9	June 26	296·8	..	..	2459	+ 490
1106																		
1115	Mataveri, Easter Island	27 10	109 26	30	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1116																		
1121	Punta Tortuga, Coquimbo	29 56	71 21	27	1013·0	1016·2	+0·1	290·9	299·0	Dec. 22	..	..	..	287·3	..	..	21	− 114
1122	Puerto de Antofagasta	23 38	70 25	4	1014·2	1014·7	+0·3	298·3	302·3	Dec. 29	285·2	281·0	June	291·7	−0·3	*290·5*	3	− 16
1125	Goya	29 9	59 15	64	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1126	Porto Alegre	30 1	51 13	24·5	1012·3	1015·2	..	296·7	310·5	Nov. 25	286·4	273·0	June 14, July 8	291·6	..	*293·0*	1060	+ 169
1127	Curityba	25 25	49 15	908	914·2	1016·6	−0·4	296·1	307·6	Jan. 19	284·0	269·1	July 19	290·1	+0·2	*289·6*	1182	− 260
1128	Rio de Janeiro	22 54	W43 10	61	1007·3	1014·5	−0·9	..	307·2	Jan.	..	287·3	Oct.	..	−0·2	295·5	1043	− 58
1139	Windhuk	22 34	E17 6	1665·3	834·1	..	..	..	..	..	..	..	..	..	−0·3	292·1	..	..
1140																		
1141	Johannesburg	26 11	28 4	1806	..	..	..	293·3	301·5	Dec. 18	282·2	270·8	July 9	288·0	−0·3	*287·4*	748	+ 2
1142	Kimberley	28 42	28 47	1202	883·3	..	−0·3	298·7	..	..	282·6	..	..	290·7	−0·1	290·2	392	− 54
1142a	Pretoria	25 45	28 11	1339	..	..	..	..	..	..	..	269·2	June 25	..	..	..	661	− 84
1143	Durban	29 51	31 0	80	1009·6	1019·1	−0·4	297·7	307·6	Aug. 15	289·2	281·1	June 25	293·5	−1·0	..	1217	+ 176
1144	Lorenzo Marques	25 58	32 36	59	..	1017·9	+0·8	300·2	309·7	Sept. 27	289·9	281·1	Aug. 4	295·0	−0·9	294·3	880	+ 204
1147	Mauritius	20 6	57 33	54·3	1009·4	1015·8	−0·5	299·9	305·3	Jan. 5	292·3	284·9	Aug. 21	296·1	−0·3	295·7	985	− 283
1148																		
1159	Onslow	21 43	114 57	4·3	..	1009·9	−1·9	304·6	319·1	Jan. 21	290·6	278·3	June 11	297·6	+0·2	..	174	− 54
1160	Peak Hill	25 38	118 47	588·3	..	1010·3	−2·2	302·6	317·9	Jan. 25	289·2	276·3	Aug. 9	295·9	+0·7	..	199	− 73
1161	Nullagine	21 53	120 5	385·6	..	1010·5	−1·3	306·4	318·1	Jan. 27	290·3	273·4	Aug. 7	298·4	+0·8	..	184	− 152
1162	Laverton	28 40	122 23	466·3	..	1014·1	−1·4	300·3	316·9	Jan. 29	286·3	271·6	June 22	293·3	+0·6	..	147	− 114
1163	Alice Springs	23 38	133 37	587·0	..	1012·5	−0·7	300·9	315·3	Jan. 19	286·9	270·7	June 5	293·9	−0·1	*293·9*	464	+ 188
1164	William Creek	28 55	136 21	76·2	..	1015·1	..	300·1	316·3	Dec. 29	285·7	271·9	July 20	292·9	..	*292·7*	244	+ 109
1165	Boulia	22 55	139 38	145·7	..	1010·6	..	304·6	316·9	Jan. 19	289·9	274·1	June 5	297·3	..	..	262	− 14
1166	Mitchell	26 32	147 52	337·1	..	..	..	299·7	311·9	Dec. 28	284·8	271·3	sev. dates	292·2	..	..	748	+ 129
1167	Rockhampton	23 24	150 30	11·3	..	1014·1	..	301·6	309·7	Dec. 3, 16	290·2	277·2	July 22	295·9	..	..	1323	+ 283
1168	Brisbane	27 28	153 2	41·7	..	1015·7	0·0	298·8	311·2	Dec. 16	288·8	278·0	July 8	293·8	+0·4	..	1245	+ 45
1169	Noumea	22 16	166 27	9	1011·1	1012·1	..	301·5	307·2	March 10, 13, 15	293·1	286·8	July 15	297·3	+1·1	..	2038	+ 941
1170	Norfolk Island	29 4	167 58	..	..	..	..	..	..	..	..	..	..	..	..	..	1870	+ 472
		° ′ S.	° ′ E.															

YEAR—ZONE 12.

Between Latitude 30° S. and 40° S.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure. Mean at Level of Station.	Pressure. Mean at M.S.L.	Pressure. Diff. from Normal.	Temperature. Mean Max.	Temperature. Absolute Max.	Temperature. Date.	Temperature. Mean Min.	Temperature. Absolute Min.	Temperature. Date.	Temperature. *Mean.	Temperature. Diff. from Normal.	Temperature. †24 hr. Mean.	Precipitation. Total.	Precipitation. Diff. from Normal.
		° ′ S.	° ′ W.	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.
1219																		
1220	Juan Fernandez	33 37	78 50	10	..	..	..	..	298·0	Jan. 29, Dec. 31	..	..	..	..	..	..	..	..
1221	Punta Angeles, Valparaiso	33 1	71 38	41	1012·1	1017·0	+0·7	291·2	299·4	Jan. 13	283·2	276·4	June 2, July 29	287·2	−2·4	*285·9*	395	− 113
1222	Santiago	33 27	70 42	520	955·3	1016·0	+0·5	..	306·2	Feb. 9	..	269·1	June 4	286·0	−0·6	*285·9*	271	− 93
1223	Cordoba	31 25	64 12	439	.. ..	..	..	..	..	..	..	..	..	..	..	..	..	..
1224	Buenos Ayres	34 16	64 11	25·2	1012·9	1015·9	+0·6	294·4	311·7	Dec. 18	283·1	268·4	July 18	288·8	−0·9	288·8	663	− 270
1225	Rio Grande	32 2	52 6	2·3	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1226	Montevideo	34 52	W56 12	29·3	1012·8	1016·3	+1·9	293·9	309·9	Dec. 18	282·7	270·5	Aug. 1	288·3	−1·2	288·1	628	− 369
1239	Cape Town	33 56	E18 29	12	1015·9	1017·3	+0·6	295·0	310·1	April	285·4	276·1	Sept.	290·2	+0·5	*288·8*	547	− 102
1240	Danger Point	34 37	19 18	20	..	..	..	291·3	300·8	Nov. 19	285·3	277·4	Sept. 3	288·3	..	..	610	..
1241	Heidelberg	34 5	20 58	1541	..	..	..	297·2	310·2	Feb. 7	282·4	270·8	Aug. 18	289·8	+1·1	..	329	− 115
1242	East London	33 2	27 55	10·1	1016·0	1017·2	+0·1	295·1	311·9	Nov. 16	286·7	276·9	Aug. 19, 20	290·9	−0·4	..	777	+ 176
1259	Perth (Observatory)	31 57	115 51	60·0	..	1015·4	−1·2	295·8	312·4	Feb. 17	286·1	278·1	July 15	290·9	+0·2	..	940	+ 91
1260	Katanning	33 42	117 35	309·7	..	1014·5	−1·8	294·9	316·6	Jan. 23	282·1	273·2	sev. dates	288·5	+0·2	..	511	+ 67
1261	Coolgardie	30 57	121 10	423·3	..	1014·8	−1·1	297·5	318·0	Jan. 24	283·8	273·0	July 27	290·9	+0·3	..	222	− 17
1262	Eucla	31 45	128 58	4·6	..	1015·1	−1·5	296·6	319·7	Jan. 4	285·1	274·2	July 8	290·9	+0·3	..	200	− 59
1263	Streaky Bay	32 48	134 13	13·1	..	1016·3	−0·7	295·6	314·1	Feb. 20	284·7	274·7	July 20	290·1	+0·1	..	449	+ 63
1264	Adelaide	34 56	138 35	42·7	..	1016·4	−0·6	295·4	314·1	Feb. 16	284·9	275·7	July 18, Aug. 10	290·2	0·0	*289·9*	625	+ 103
1265	Melbourne	37 49	144 57	35·1	..	1015·8	−0·6	292·9	313·2	Jan. 25	283·4	272·9	July 18	288·2	+0·6	*287·9*	625	− 21
1266	Bourke	30 13	145 58	110·1	..	1016·1	+0·4	300·5	317·2	Jan. 20	286·1	272·9	June 4	293·3	−0·3	..	301	− 84
1267	Sydney	33 51	151 13	44·5	..	1016·4	+0·3	294·3	308·9	Dec. 27	286·6	278·6	July 19	290·4	+0·2	..	1192	− 27
1268	Lord Howe Island	31 32	159 4	..	..	..	..	..	..	..	..	..	..	..	..	..	2866	+1084
1271	Auckland	36 50	174 50	38·1	..	1015·2	..	291·8	300·8	Feb. 23	285·4	276·9	Aug. 11	288·6	+0·5	..	1368	+ 265
1272																		
		° ′ S.	° ′ E.															

YEAR—ZONE 13.

Between Latitude 40° S. and 50° S.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure. Mean at Level of Station.	Pressure. Mean at M.S.L.	Pressure. Diff. from Normal.	Temperature. Mean Max.	Temperature. Absolute Max.	Temperature. Date.	Temperature. Mean Min.	Temperature. Absolute Min.	Temperature. Date.	Temperature. *Mean.	Temperature. Diff. from Normal.	Temperature. †24 hr. Mean.	Precipitation. Total.	Precipitation. Diff. from Normal.
		° ′ S.	° ′ W.	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.
1301	Chatham Island	43 52	170 42	46	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1302																		
1321	Punta Corona	41 47	73 52	48	..	..	..	..	..	..	..	275·0	June	..	..	..	..	..
1322	Punta Galera	40 1	73 44	40	1012·6	1017·5	+1·5	286·4	293·2	Jan. 5	281·2	275·6	July 30	283·8	−0·5	*283·2*	1869	− 309
1323	Bahia Blanca	38 45	W62 12	20	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1324																		
1365	Hobart	42 53	E147 22	53·9	..	1012·3	−0·7	290·2	308·1	Jan. 25	281·6	272·0	June 17	285·9	+0·5	*285·1*	641	+ 47
1366	Launceston	41 27	147 10	9·4	..	1013·1	..	291·3	308·6	Feb. 20	280·9	271·3	July 18	286·1	+0·4	..	886	+ 181
1369																		
1370	Dunedin	45 52	170 31	91	..	1011·6	+0·1	288·3	300·8	March 10	279·6	272·4	Aug. 2	284·0	+0·6	..	852	− 151
1371	Christchurch	43 32	172 38	7·6	..	1013·5	+0·4	289·9	304·1	Feb. 27	279·8	268·6	July 10	284·8	0·0	..	640	− 3
1372	Wellington	41 16	174 46	33·5	..	1015·1	+1·7	289·3	298·7	Feb. 25	283·6	274·8	Aug. 2	286·4	+0·4	..	1154	− 78
		° ′ S.	° ′ E.	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.

* Mean of max. and min. or of observations at fixed hours.

† Computed means for the 24 hours are in *italics*.

YEAR—ZONE 14. Table representing the Meteorology of the Globe between Latitude 50° S. and 60° S.

No.	Name of Station.	Latitude.	Longitude.	Height.	Pressure. Mean at Level of Station.	Pressure. Mean at M.S.L.	Pressure. Diff. from Normal.	Temperature. Mean Max.	Absolute Max.	Date.	Mean Min.	Absolute Min.	Date.	*Mean.	Diff. from Normal.	†24 hr. Mean.	Precipitation. Total.	Precipitation. Diff. from Normal.
		° S. ′	° W. ′	metres.	mb.	mb.	mb.	a.	a.		a.	a.		a.	a.	a.	mm.	mm.
1421	Islota de los Evangelistas .	52 24	75 6	55	996·1	1002·9	+1·1	280·5	287·2	Feb. 18	276·5	269·6	Aug. 25	278·5	−1·1	*278·3*	3155	+ 97
1422	Puerto de Punta Arenas .	53 10	70 54	4	999·4	999·9	+1·7	282·6	296·0	Dec. 25	276·5	268·0	June 26, July	279·5	−0·1	*279·4*	927	+ 533
1423	Punta Dungeness . .	52 24	68 26	5	1001·1	1001·7	+0·4	..	..	..	277·0	268·4	June 14	..	..	..	65	− 179
1425	Cape Pembroke . . .	51 41	57 42	15	999·6	1001·4	−0·3	281·8	291·9	March 17	276·0	268·0	July 18	278·9	+0·2	279·1	..	..
1426	Stanley, Falkland Is. .	51 41	W. 57 51	4	..	..	..	..	..	..	..	..	..	..	..	..	220	− 449
1429	S. Georgia (Cumberland Bay)	54 14 S.	W. 36 34 E.	3	..	..	..	..	291·0	Feb. 6	..	263·0	Aug. 6	..	..	..	..	..

YEAR—ZONE 15. Between Latitude 60° S. and 70° S.

1527 1528	South Orkneys . . .	S. 60 44 ° ′	W. 44 39 ° ′	6·9 metres.	991·6 mb.	992·5 mb.	+0·1 mb.	272·1 a.	280·5 a.	March 12	267·2 a.	241·3 a.	Aug. 9	269·6 a.	+1·1 a.	269·7 a.	440 mm.	+ 3 mm.

* Mean of max. and min. or of observations at fixed hours. † Computed means for the 24 hours are in *italics*.

STATE OF ICE IN THE ARCTIC SEAS, THE ATLANTIC OCEAN, AND IN THE SOUTHERN OCEAN.—YEAR 1910.

* " *The White Sea* was open to navigation very early, and steamers reached Archangel at the beginning of May."

**Barents Sea.*—" The winter ice broke up very early, but the polar ice was heavy, and from July onwards its edge lay farther S. than usual. For the period April to August the average ice-covered area was 769,000, compared with the normal of 795,000 sq. km."

* " *At Spitsbergen* the ice conditions were severe throughout the year."

**Greenland Sea.*—" Ice conditions were normal. From April to August the average area ice-covered was 867,000 sq. km., compared with the normal of 885,000. At Angmagsalik the ice lay close inshore throughout the summer, and no ship touched until September."

**Iceland.*—" The coasts were almost ice free; but in April and May, when ice is most frequently observed off Iceland, the edge lay not far to the N.W."

North Atlantic and Labrador.—" Throughout the year there was unusually little ice, except in July."

**Davis Strait and Baffin Bay.*—" In the early part of the year conditions were normal. During summer the Storis did not reach farther N. than Fiskernaes, but off S.W. Greenland there was an unusual amount of ice."

SOUTHERN OCEAN.

The number of ice reports received each month during 1910, compared with the average 1885 to 1913, is :—

	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Year.
1910	14	5	7	3	6	11	17	20	8	2	4	1	98
Average	5	5	5	4	3	4	4	5	5	5	7	7	59

* *Isforholdene i de arktiske Have, 1910 and 1911*, issued by the Danish Meteorological Institute.

RÉSEAU MONDIAL, 1910.

TABLE SHOWING THE AUTHORITIES FOR THE METEOROLOGY OF THE GLOBE FOR THE YEAR 1910 AND THE AUTHORITIES FOR THE NORMALS, TOGETHER WITH THE HOURS OF OBSERVATION, FORMULÆ FOR MEANS, ETC.

Between Latitude 80° N. and 70° N. ZONE 1.

No.	Name of Station.	Authority for Current Data.	Authority for Normals.	Remarks.
123	North Star Bay . . .	Copenhagen, Dansk Meteor. Aarbog, 1910	..	**P** = ¼ (8+14+21). True mean **T** = ¼ (8+14+2×21).
125	Upernivik	See No. 123.	M.S. normals prepared in M.O.	See No. 123.
139 140	Spitsbergen	..	..	..
141	Gjesvaer	Kristiania, Jahrb. d. Norweg. Meteor. Instituts, 1910.	**P, T,** Klimatabeller for Norge; II, Lufttryck, 1896; I, Luftenstemperatur, 1895. **R,** Nedböriagtagelser i Norge, 1912.	**P** = ⅓ (**I** + **II** + **III**) + corr. to reduce to mean of 24 hrs. Mean temp. M = *n* − *k*(*n*—min.) where *n* is the means of the three fixed daily observations, and *k* is a factor varying with the station and month.
142	Mehavn	do.		
143 144	Vardö	Do. do.		
147				

Between Latitude 70° N. and 60° N. ZONE 2.

203	Nome	M.S. data supplied by the Chief of the Weather Bureau, Washington.	..	**P** = 19 h.
205	Tanana	Do. do.	..	See No. 203.
207	Valdez	Do. do	..	**P** = 18 h.
208	Eagle	Do. do.	**R,** prepared in M.O.	Do.
209	Dawson	Toronto Meteor. Service, Monthly Weather Rev. and Ann. Rep., 1910.	**P,** prepared in M.O. **T,** Toronto, Meteor. Service, Ann. Rep., 1906. **R,** Ottawa, Canada's Fertile Northland, 1908.	**P** = ½ (8+20).
210	Carcross	Do. do.	..	..
212	Fort Simpson	M.S. data supplied by Canadian Meteor. Service, Toronto.	**T, R,** Ottawa, Canada's Fertile Northland, 1908.	**P** (**T,** Jan. to July and Year) = ½ (8+18).
213	Hay River	Do. do.	**T,** Do. do.	**P** = ½ (8+17).
225	Jacobshavn	Copenhagen, Dansk Meteor., Aarbog, 1910.	M.S. normals prepared in M.O.	**P** = ⅓ (8+14+21).
226	Godthaab	Do. do.	Do. do.	Do.
229	Angmagsalik	Do. do.	Do. do.	Do.
231	Stykkisholm	Do. do.	Eléments météor. des iles Féroé, etc., 1899.	Do.
232	Vestmanno	Do. do.	Do. do.	Do.
233	Grimsey (Akureyri) . .	Do. do.	Do. do.	Do.
				See No. 225. The pressure data are taken from the readings of a barometer at Akureyri (65° 40′ N., 18° 4′ W. Hb. = 6. 8m). The temperature and precipitation are from instruments at Grimsey (66° 33′ N., 17° 58′ W., H = 22. om.).
234	Berufjord	Do. do.	**P,** prepared in M.O. **T, R,** see No. 231	See No. 225.
235	Thorshavn	Do. do.	Do. do.	Do.
237	Bergen (Met. Obs.) . .	Kristiania, Jahrb. d. Norweg. Meteor. Instituts, 1910.	**P, T,** Klimatabeller for Norge; II, Lufttryck, 1896; I, Luftenstemperatur, 1895. **R,** Nedböriagtagelser i Norge, 1912.	See No. 141.
238	Christiansund	Do. do.		Do.
239	Trondhjem	Do. do.		Do.
240	Bodö	Do. do.		Do.
241	Haparanda	Stockholm, Meteor. Iakttagelser i Sverige, 1910.	**P,** Hamberg, Press. moy. en Suède, 1860–95. **T,** Calc. from Hamberg, Grandeur de la variation . . . de temp., 1912. **R,** Nederborden i Sverige, 1860–1910.	**P** = ⅓ (8+14+21).
242	Helsingfors	Petrograd, Nicholas Central Physical Obs., Monthly Bulletin, 1910, and Helsingfors, Meteor. Jahrb. f. Finnland, 1910.	**P, R,** Atlas Climat. de Russie. **T,** see current data.	**P** = 24 hrs.
242*a*	Kuopio	Do. do.	**P,** Rung, Répartition de pression sur l'Europe, 1904. **T,** see current data.	**P** = ⅓ (7+14+21).
243	Kola	Petrograd, Nicholas Central Physical Obsy., Bulletin Météor. quotid., 1910.	Atlas Climat. de Russie.	**P** = reduced to ⅓ (7+13+21).
244	Petrozavodsk	Petrograd, Nicholas Central Physical Obsy., Monthly Bulletin, 1910.	See No. 242*a*.	**P** = 7 h.
245	Arkhangelsk	Do. do.	See No. 242.	Do.
246	Velsk	..	..	..
247	Oust-Tsylma	See No. 244.	**P,** prepared in M.O. **T,** see current data.	Do.
248	Troitsko-Petcherskoe . .	..	..	..
249	Berezov	..	..	..
250	Obdorsk	..	..	..
251	Sourgout	..	..	..
253	Touroukhansk	..	..	..
254	Doudinka	..	..	..
261	Oleminsk	..	..	..
262	Iakoutsk	..	..	..
263	Verkhoïansk	..	..	..
264	Oust-Maïskoe	..	..	..
272	Novo-Mariinskii Post . .	..	..	..

ZONE 3. Table showing the Authorities for the Meteorology of the Globe between Latitude 60° N. and 50° N.

No.	Name of Station.	Authority for Current Data.	Authority for Normals.	Remarks.
303	Dutch Harbour	M.S. data supplied by the Chief of the Weather Bureau, Washington.	..	P=mean of afternoon observation.
309	Sitka	See No. 303.	P, U.S. Coast and Geodetic Survey, Pacific Coast Pilot. T, prepared in M.O. R, Brooks, Geogr. and Geol. of Alaska.	P=16 h.
310	Prince Rupert	Toronto, Meteor. Service, Ann. Rep., 1910 and Monthly Weath. Rev., 1910.	..	P=½ (5+17).
311	Barkerville	Do. do.	T, R, Monthly Weath. Rev., 1910.	P=½ (8+20).
312	Kamloops	Do. do.	P, Toronto, Meteor. Service, Ann. Report, 1906. T, R, Monthly Weath. Rev., 1910.	Do.
313	Calgary	Do. do.	Do. do.	Do.
314	Fort Chipewyan	M.S. data supplied by Canadian Meteor. Service, Toronto.	..	P=½ (8½+17½).
315	Prince Albert	See No. 310.	P, T, Toronto, Meteor Service, Ann. Rep., 1906. R, Monthly Weath. Rev. 1910.	P=½ (6+18).
316	Qu'Appelle	Do.	Do. do.	P=½ (8+20).
317	Minnedosa	Do.	T, see current data. R, Monthly Weath. Rev., 1912.	P=½ (7+19).
318	Berens River	Do.	..	..
318a	York Factory	See No. 314.	P, prepared in M.O.	P=½ (8+18), reduced true T=⅛(4×8+14+18). No. Max. thermometer.
319	Fort Hope	Do.	T, R, Ottawa, Canada's Fertile Northland, 1908.	P=½ (8+19).
320	Moose Factory	Do.	Do. do.	P=½ (9+19).
323	Hebron	Hamburg, Deutsche Übersee. Meteor. Beob. 20.	M.S. normals prepared in M.O.	P=½ (7+14+21).
324	Nain	Do. do.	Do.	P (T, June to Sept. and ½ Year)=½ (7+14+21).
326	Point Riche	Toronto, Meteor. Service, Ann. Rep., 1910, and Monthly Weath. Rev., 1910.	T, R, Monthly Weath. Rev., 1910.	T=⅛ (7+14+21).
334	Valencia	London, Monthly Weath. Rep. of Meteor. Office, 1910.	See current data.	P=mean of 24 hours.
335	Aberdeen	Do. do.	Do.	Do.
336	Greenwich	Do. do.	Do.	Do.
337	Uccle	Brussels, Annuaire de l'Obs. de Belgique, 1911, 1912.	P, from Pressure Values publ. by Solar Physics Ctee. T, R, Annuaire, 1912.	P=mean of 24 hrs.
338	De Bilt	Utrecht, Nederlandsch Meteor. Jaarboek, 1910.	P, prepared in M.O. T, R, Maand. Overzicht der Weergestildheid.	Do.
338a	Hamburg	Hamburg, Meteor. Beob. in Deutschland, 1910.	Ergebn. der Meteor. Beob. in Deutschland. P, 1876–1910. T, R, 1876–1900. Hamburg, 1904, 1910, 1912.	Do.
339	Copenhagen	Copenhagen, Dansk Meteor. Aarbog, 1910.	Willaume-Jantzen, Meteor. Obs. i Kjobenhavn, 1896.	P=¼ (8+14+21).
340	Potsdam	Potsdam, Ergebn. der Meteor. Beob. 1910.	P, Hann * and Rung, Répartition de Pression sur l'Europe. T, prepared in M.O. R. †	P=mean of 24 hrs.
340a	Upsala	Stockholm, Meteor. Iakttagelser i Sverige, 1910.	P, Hamberg, Press. moy. en Suède, 1860–95. T, Hamberg, Grandeur de la variation . . . de temp. R, Nederborden i Sverige, 1860–1910.	Do.
341	Warsaw	Warsaw, Obs. Météor. en 1910 du Bureau Météor.	P, R, Atlas Climat. de Russie. T, Petrograd, Nicholas Centr. Phys. Obs., Monthly Meteor. Bulletin, 1911.	P=⅛ (7+13+21). T.‡
342	Jurjev	Jurjev, Meteor. Beob. in 1910.	P, Atlas Climat. de Russie. T, R, Petrograd, Nicholas Centr. Phys. Obs., Monthly Meteor. Bulletin, 1911.	P=⅛ (1+4+7+10+13+16+19+22). T.‡
343	Petrograd	Petrograd, Nicholas Centr. Phys. Obs., Monthly Meteor. Bulletin, 1910.	P, R, Atlas Climat. de Russie. T, see current data.	P=7 h.
344	Kiev	Kiev, Obs. faites à l'Obs. Météor. de l'Université, 1910.	See No. 341.	P=⅛ (7+13+21). T.‡
344a	Moscow	Moscow, Beob. in Meteor. Obs. der K. Univ.,	Do.	P=mean of 24 hrs. T.‡
345	Saratov	See No. 343. [1910.	P, prepared in M.O. T, see current data. R, Atlas Climat. de Russie.	P=7 h.
346	Kazan	Kazan, Bulletin de l'Obs. météor., 1910.	See No. 341.	P=⅛ (7+13+21).
347	Orenburg	See No. 343.	See No. 343.	See No. 343.
348	Perm	Do.	P, Rung, Répartition de Pression sur l'Europe. T, R, see current data.	Do.
349	Ekaterinburg	Do.	See No. 343.	Do.
350	Tobolsk	..	..	..
351	Akmolinsk	..	..	..
352	Omsk	Petrograd, Nicholas Centr. Phys. Obs., Bulletin Météor. quotid., 1910.	P, Atlas Climat. de Russie. T, R, prepared in M.O.	P=reduced to ⅛ (7+13+21).
353	Barnaoul	Do. do.	P, R, Atlas Climat. de Russie. T, Wild, Temp. Verh. des Russ. Reiches.	Do.
354	Tomsk	Do. do.	Do. do.	Do.
355	Minousinsk	..	..	..
356	Eniseisk	..	..	..
357	Irkoutsk	Do. do.	Do. do.	Do.
358	Kirensk	..	..	..
359	Tchita	Do. do.	..	P=reduced to ⅛ (7, 13, 21); T=⅛ (7+13+21).
360	Blagoveshchensk Priisk	..	..	..
360a	Nertchinsk	Do. do.	P, Gorczynski, Press. Atmosph. en Pologne et en Europe. T, Wild, Temp. Verh. des Russ. Reiches. R, Wild, Regenverh. des Russ. Reiches.	P=reduced to ⅛ (7+13+21).
361	Tygan Ourkan	Blagoveshchensk, Year-book of Meteor. Bureau of Amur District, 1909–1912.	..	..
362	Blagoveshchensk	..	..	..
363	Paikanskii Sklad	Do. do.	..	..
365	Nikolaevsk-sur-Amour	See No. 352.	R, Atlas Climat. de Russie. T, Wild, Temp. Verh. des Russ. Reiches.	..
366	Okhotsk	..	..	..
368	Petropavlovsk Phare	..	..	..

* Hann, Die Vertheilung des Luftdruckes über Mittel- und Süd-Europa (means 1851–80), Wien, 1887.
† Hellman, G., Die Niederschläge in den Norddeutschen Stromgebieten.
‡ At Russian Stations the temperature deviations refer to the hourly means or reduced hourly means.

Table showing the Authorities for the Meteorology of the Globe between Latitude 50° N. and 40° N. ZONE 4.

No.	Name of Station.	Authority for Current Data.	Authority for Normals.	Remarks.
411	Victoria, B.C.	Toronto, Meteor. Service, Ann. Rep., 1910, and Monthly Weath. Rev., 1910.	P, Toronto, Meteor. Service, Ann. Rep., 1906. T, R, Monthly Weath. Rev., 1910.	P=mean of 24 hrs.
412	Portland, Oregon	Washington, D.C., U.S. Dept. Agric., Rep. of Chief of Weather Bureau 1910–11 and Monthly Weath. Rev., 1910.	Washington, D.C., U.S. Dept. Agric., Monthly Weath. Rev., 1910.	P=reduced to mean of 24 hrs.
413	Macleod	Toronto Meteor. Service, Monthly Weath.	See current data.	..
414	Helena	See No. 412. [Rev. 1910.	See No. 412.	See No. 412.
414a	Salt Lake City	Do.	Do.	Do.
415	Cheyenne	Do.	Do.	Do.
416	North Platte	Do.	Do.	Do.
416a	Bismarck	Do.	Do.	Do.
417	Winnipeg	See No. 411.	See No. 411.	P=⅛ (7+19).
418	Duluth	See No. 412. [Rev., 1910.	See No. 412.	See No. 412.
419	Port Arthur	Toronto, Meteor. Service, Monthly Weath.	See No. 411.	P=⅛ (7+19).
420	Chicago	See No. 412.	See No. 412.	See No. 412.
421	Toronto	See No. 411.	See No. 411.	P=mean of 24 hrs.
422	New York	See No. 412. True Mean T, Rep. of Meteor. Obs., New York, 1910.	See No. 412.	See No. 412. Obs. refer to Weather Bureau Station except True Mean T, which is at Central Park.
423	St John, N.B.	See No. 419.	See No. 411. [Rev.	P=⅛ (9+21).
424	S. W. Point, Anticosti	Do.	Toronto, Meteor. Service, Monthly Weath.	P=⅛ (8+20).
425	Sable Island (Main Station)	Do.	Do. do.	P=⅛ (9+21).
426	St Johns, Newfoundland	Do.	See No. 411.	Do.
435	Madrid	Madrid, Annuario del Observatorio, 1912.	P, Études sur le Climat. de France, Pression. T, R, Treinte años de Obs. Meteor. de Madrid, 1860–89.	P=⅛ (3+6+9+12+15+18+21+24).
436	Nantes	Paris, Ann. Bur. Centr. Météor., 1910.	P, T, Études sur le Climat. de France. R, Eiffel, Atlas Météor. [No. 436.	Do. do.
437	Paris (Parc St. Maur)	Do. do.	T, Bigourdan, Climat. de France. P, R, see	P=mean of 24 hrs. T.*
438	Marseilles	Do. do.	See No. 436.	P=⅙ (7+10+12+16+18+22).
438a	Zürich	Zürich, Ann. Schweiz. Meteor. Centralanst., 47, 1910.	J. Maurer, etc., Klima der Schweiz, 1864–1900.	P=mean of 24 hrs. T.*
439	Rome	Cairo, Summary of Weather in Egypt, etc., 1910.	P, see current data. T, R, F. Eredia, Il Clima di Roma, 1911.	P=8 h.
440	Vienna	Vienna, Jahrb. der K. K. Centralanst. für Meteor., 1910.	Vienna Monatl. Mitt. der K. K. Centralanst., 1910. P, 50 yrs. True T, 125 yrs. R, 60 yrs.	P=mean of 24 hrs. T.*
440a	Buda-Pesth	Buda-Pesth, A. m. kir. orszagos meteor. intézet, 1910	P, Rona, Luftdruckverhältnisse Ungarns, 1861–1900. T, Rona und Fraunhoffer, Tempverhältnisse von Ungarn. R, A. von Anderko, Vertheilung des Niederschlages in Ungarn.	P=⅛ (7+14+21). T.*
441	Bucharest	[Buletinul Lunar, 1910. Bucharest, Observatorul Astr. si Meteor.,	Atlas Climat. de Roumanie.	Hours of observation unknown.
443	Odessa (University)	Odessa, Annuaire de l'Obs. de l'Univ. Imp., 1910.	P, R, Atlas Climat. de Russie. T, Mon. Meteor. Bulletin, 1911.	P=⅛ (7+13+21). T.*
444	Kharkov (University)	Petrograd, Nicholas Centr. Phys. Obs., Monthly Meteor Bulletin, 1910.	P, Buchan and Rung. T, R, see current data.	P=7 h. T=⅛ (7+13+21).
444a	Novorossiisk	Do. do.	P, Rung, Répartition de Press. sur l'Europe. T, R, see current data.	Do.
445	Tiflis	Do. do.	P, R, Atlas Climat. de Russie. T, see current data.	Do.
446	Astrakhan	Do. do.	Do. do.	Do.
447	Fort Alexandrovsk	..	..	..
448	Krasnovodsk	See No. 444.	P, T, see No. 444a.	See No. 444.
449	Tachkent	Petrograd, Nicholas Centr. Phys. Obs., Bulletin Météor. quotid., 1910.	P, see No. 444a. T, R, Atlas Climat. de Russie.	P=7 h.
450	Irgiz	..	..	..
451	Narynskoe	..	..	..
452	Vernyi	.. [Japan, 1910.	..	..
461	Mukden	Tokio, Ann. Rep. Centr. Meteor. Obs.,	M.S. normals prepared in M.O.	P=⅛ (3+7+11+15+19+23).
462	Joshin	Do. do.	Do. do.	P=⅙ (2+6+10+14+18+22).
463	Vladivostok	See No. 449.	P, R, Atlas Climat. de Russie. T, Buchan, "Challenger" Rep. on Atmospheric Circulation.	P=reduced to ½ (7+13+21).
465	Ochiai	See No. 461.	..	P=⅛ (2+6+10+14+18+22).
466	Nemuro	Do.	Tokio, Results of Meteor. Obs. in Japan, 1876–1905.	P=mean of 24 hrs.

Between Latitude 40° N. and 30° N. ZONE 5 (Western Half)

511	San Francisco	Washington, D.C., U.S. Dept. Agric., Rep. of Chief of Weather Bureau, 1910–11; and Monthly Weath. Rev., 1910.	Washington, D.C., U.S. Dept. Agric., Monthly Weath. Rev., 1910.	P, reduced to mean of 24 hrs.
512	San Luis Obispo			
513	Modena			
514	San Diego			
515	Sante Fé			
516	Denver			
517	Abilene			
518	Saint Louis			
519	Mobile			
520	Nashville			
521	Charleston			
522	Washington			
524	Bermuda	Toronto, Meteor. Service, Ann. Rep., and Monthly Weath. Rev., 1910.	P, prepared in M.O. T, R, Toronto, Meteor. Service, Monthly Weath. Rev., 1910.	P=½ (9+21).
531	Horta	Cairo, Summary of Weather in Egypt, etc., 1910.	M.S. normals prepared in M.O.	P=6 h.
532	Ponta Delgada	Lisboa, Obs. Infante D. Luis Observaçoes dos Postos Meteorologicos, 1910.	Do. do.	P=⅛ (9+15+21).
533	Madeira (Funchal)	Do. do.	P, Rung, Press. sur l'Atlantique sept. T, R, Hann, Handbuch der Klimatologie.	Do.
534	Lisbon	Do. do.	J. d'Almeida Lima, Climat. de Lisbonne.	Do.
535	Casablanca	Hamburg, Deutsche Ubersee. Meteor. Beob.,	T, R, Hann, Handbuch der Klimatologie.	P=⅛ (8+14+20½). T.*
536	Gibraltar	M.S. data at M.O. [20.	M.S. normals prepared in M.O.	P=⅛ (7+13+21).

* The temperature deviations refer to the hourly or reduced hourly means.

ZONE 5 (Eastern Half). Table showing the Authorities for the Meteorology of the Globe between Latitude 40° N. and 30° N.

No.	Name of Station.	Authority for Current Data.	Authority for Normals.	Remarks.
537	Algiers	Paris, Ann. Bur. Centr. Météor., 1910.	M.S. normals prepared in M.O.	P=¼ (7+13+19).
538	Palma	Madrid, Res. Obs. meteor. effect. en la peninsula, etc., 1910.	P, Cairo, Summary of Weather in Egypt, etc., 1911. T, R, Hann, Handbuch der Klimatologie.	P=Jan. to June ½ (9+15), July to Dec. ½ (8+16).
538a	Tunis	Cairo, Summary of Weather in Egypt, etc., 1910.	M.S. normals prepared in M.O.	P=7 h.
539	Malta	Do. do.	See current data.	P=8 h.
540	Catania	M.S. data supplied by Dr A. Ricco.	M.S. normals supplied by Dr A. Ricco.	P=¼ (7+9+15+21).
541	Athens	See No. 538a.	P, prepared in M.O. T, R, see current data.	P=8 h.
542	Alexandria	Do.	Do. do.	Do.
543	Cairo (Helwan)	Do.	See current data.	Do.
544	Nicosia	M.S. data in M.O.	M.S. normals prepared in M.O.	P=9 h.
544a	Beirut	See No. 538a.	See No. 541.	P=8½ h.
545	Baghdad	Calcutta, India Weather Review, 1910.	P, T, see current data. R, Calcutta, India Weather Review, 1912 (Rainfall normals appear to have been revised in May 1911, and the new normals have been accepted).	P=8 h. P, diff. =Station Level—normal.
546	Lenkoran	Petrograd, Nicholas Centr. Phys. Obs., Monthly Meteor. Bulletin, 1910.	P, Buchan and Rung, T, prepared in M.O. R, Atlas Climat. de Russie.	P=7 h. red. to ⅓ (7+13+21).
547	Busrah	See No. 545.	See No. 545.	See No. 545.
548	Meshed	Do.	Do.	..
549	Quetta	Do.	Do.	See No. 545.
550				
551	Lahore	Do.	Do.	Do.
551a	Simla	Do.	Do.	Do.
552	Leh	Do.	Do.	Do.
552a	Dehra Dun	Do.	Do.	Do.
558				
559	Hang Kow	Tokio, Ann. Rep. Centr. Meteor. Obs., Japan, 1910.	P, T, prepared in M.O. R, Zi-Ka-Wei, La pluie en Chine.	P=⅛ (6+14+22).
560	Tiensin	Do. do.	M.S. normals prepared in M.O.	Do.
561	Shanghai (Zi-Ka-Wei)	Zi-Ka-Wei, Obs. magn. météor., Bulletin des Observations, 1910.	See current data.	P=mean of 24 hrs. T.*
562	Jinsen (Chemulpo)	Chemulpo, Ann. Rep. Meteor. Obs., Korea, 1910.	P, T, Meteor. Zs. 27, 1910, p. 502. R, see current data.	P=⅙ (2+6+10+14+18+22).
562a	Nagasaki	See No. 559.	Tokio, Results of Meteor. Obs. in Japan, 1876–1905.	P=mean of 24 hrs. T.*
563	Kioto	Do.	Do. do.	Do.
564	Tokio	Do.	Do. do.	Do.
565	Miyako	Do.	Do. do.	P=⅙ (2+6+10+14+18+22). T.*
566				

ZONE 6. Between Latitude 30° N. and 20° N.

605	Honolulu	Washington, D.C., U.S. Dept. Agric., Rep. of Chief of Weather Bureau, 1910–11.	P, R, prepared in M.O. T, Weather Record for Honolulu.	P=reduced to mean of 24 hrs.
606			..	..
615	Zacatecas	Zacatecas, Boletin mensual del Obs., 1910.	..	P=prob. ½ (6+18).
616	Leon	Leon, Boletin mensual del Obs. Meteor., 1910.	See current data.	P=⅓ (7+14+21).
617	Galveston	Washington, D.C., U.S. Dept. Agric., Rep. of Chief of Weather Bureau, 1910–11, and Monthly Weath. Rev., 1910.	Washington, D.C., U.S. Dept. Agric., Monthly Weather Rev., 1910.	P=reduced to mean of 24 hrs.
618	New Orleans	Do. do.	Do. do.	Do.
619	Havana	Havana, Obs. Meteor. del Colegio de Belen, 1910.	M.S. normals prepared in M.O.	P=1/10 (4+6+8+10+12+14+16+18+20+22). T.*
620	Key West	See No. 617.	See No. 617.	See No. 617.
621	Nassau, Bahamas	M.S. data at M.O.	M.S. normals prepared in M.O.	P=½ (8+15).
622		[Beob., 20.		
633	Puerto de Orotava	Hamburg, Deutsch. Übersee. Meteor.	T, R, Hann, Handbuch der Klimatologie.	P=⅓ (7+14+21).
634	Las Palmas, Canary Islands	Madrid, Instituto Geografico y Estadistico, Resumen, 1910, and Paris, Ann. Bur. Centr. Météor., 1910.	M.S. normals prepared in M.O.	P, Jan. to June 9 h, July to Dec. 8 h.
637	Insalah	Paris, Ann. Bur. Centr. Météor., 1910.	M.S. normals prepared in M.O.	P=⅛ (7+13+19).
638				
641	Dakhla Oasis	Cairo, Summary of Weather in Egypt, etc., 1910.	See current data.	P=8 h.
642	Wadi Halfa	Do. do.	Do.	Do.
643	Suez	Do. do.	Do.	Do.
644	Aswan	Do. do.	Do.	Do.
646				
647	Bushire	Calcutta, India Weather Review, 1910.	See No. 545.	P=8 h. P, diff. =Station Level—normal.
648	Jask	Do. do.	Do.	Do. do.
649	Kurrachee	Do. do.	Do	Do. do.
650	Hyderabad, Sind	Do. do.	Do.	Do. do.
651	Jaipur	Do. do.	Do.	Do. do.
652	Nagpur	Do. do.	Do.	Do. do.
653	Allahabad	Do. do.	Do.	Do. do.
654	Calcutta	Do. do.	Do.	Do. do.
655	Gauhati	Do. do.	Do.	Do.
655a	Cherrapunji	Do. do.	Do.	P=8 h.
656	Shillong	Do. do.	Do.	Do.
656a	Akyab	Do. do.	Do.	Do. See No. 647.
657	Phu Lien	Paris, Ann. Bur. Centr. Météor., 1910.	M.S. normals prepared in M.O.	P=mean of bi-hourly Obs. T.*
658	Moncay	Do. do.	Do. do.	P=⅙ (10+16).
660	Hong Kong	Hong Kong Observatory, Meteor. Obs., 1910.	See current data.	P=mean of 24 hrs. T.*
661	Taihoku, Formosa	Tokio, Ann. Rep. Centr. Meteor. Obs., Japan, 1910.	H. Kondo, Climate of Formosa.	Do.
662	Naha	Do. do.	Tokio, Results of Meteor. Obs. in Japan, 1876–1905.	Do.

* The temperature deviations refer to the hourly or reduced hourly means.

Table showing the Authorities for the Meteorology of the Globe between Latitude 20° N. and 10° N. ZONE 7.

No.	Name of Station.	Authority for Current Data.	Authority for Normals.	Remarks.
715	Zapotlanejo	Mexico Bol. mens. del Obs. Met. Mag., 1910.	..	..
716	Morelia	Morelia, Boletin mensuel del Obs., 1910.	..	P=½ (7+14+21).
717	Salina Cruz	See No. 715.	..	P= probably ½ (7+14+21).
718	Mexico	Do. [Mexico.	See current data.	P=mean of 24 hrs.
718a	Oaxaca	M.S. data supplied by Obs. Meteor. Magn.,	..	P=½ (7+14+21).
719	Belize	M.S. data supplied by Dr Harrison, Belize.	R, prepared in M.O.	..
720	San Salvador	..	..	..
721	Jamaica (Negril Point)	Jamaica Weather Reports, 1910.	P, T, Jamaica Weather Rep. No. 357. R, Hall, M., Rainfall in Jamaica.	P=½ (7+15).
722	Port au Prince	Paris, Ann. Bur. Centr. Météor., 1910.	P, R, prepared in M.O. T, Meteor. Zs., 31, [1914, p. 30.	P=mean of 24 hrs.
723	St Croix (Christiansted)	Copenhagen, Dansk Meteor. Aarbog, 1910.	..	P=⅛ (8+14+21).
724	Grenada (Richmond Hill)	Grenada, Government Gazette, 1910.	M.S. normals prepared in M.O.	P=⅛ (9+18).
725	Barbados	Barbados, Blue Book, 1910.	Do. do.	P=⅛ (9+15).
731	St Vincent, C. Verde Is.	Lisboa, Obs, Infante de Luis Observaçoes dos Postos Meteorologicos. 1910.	P, R, prepared in M.O. T, Meteor. Zs., 26, 1909, p. 232.	P=⅛ (9+15+21).
732	San Tiago, C. Verde Is.	Do. do.	T, Meteor. Zs., 26, 1909, p. 232. R, Hann, Handbuch der Klimatologie.	Do.
733	Bathurst	Gambia, Government Gazette, 1910.	M.S. normals prepared in M.O.	P=9 h.
734	M'Carthy Island	Do. do.	Do. do.	..
735	Ségou	Paris, Ann. Bur. Centr. Météor, 1910.	..	..
736	Timbouctoo	M.S. data supplied by Bureau Centr. Météor.	M.S. normals prepared in M.O.	P=⅛ (7+14+21).
737	Sokoto	M.S. data at M.O. [de France.	T, prepared in M.O. R, Brooks, C. E., Rainfall of Nigeria and Gold Coast.	..
738	Kontagora	Do.	Do. do.	..
739	Maiduguri	Do.	Do. do.	..
740	Katagum	.. [1910.	Do. do.	..
742	Kadugli	Cairo, Ann. Rep. Survey Dept., Egypt,	..	P=8 h.
743	El Obeid	Cairo, Summary of Weather in Egypt, etc.	See current data. [1911.	Do.
744	Khartoum	Do. do. [1910.	Cairo, Summary of Weather in Egypt, etc.,	P=8 h. P. diff. =Station Level—normal.
746	Aden	Calcutta, India Weather Review, 1910.	P, T, see current data. R, Calcutta, India Weather Review, 1912. (Rainfall normals appear to have been revised in May 1911, and the new normals have been accepted).	Do. do.
751	Bombay		Do. do.	Do. do.
752	Mysore		Do. do.	Do. do.
752a	Kodaikanal	Do. Hourly T, Ann. Rep. Kodaikanal and Madras Observatories, 1910.	Do. do.	Do. do.
753	Madras	Do. do.	Do. do.	Do. do.
754	Waltair	See No. 746.	Do. do.	Do. do.
755	Port Blair	Do. [de France.	Do. do.	Do. do.
756	Rangoon	M.S. data supplied by Bureau Centr. Météor.	M.S. normals prepared in M.O.	P=½ (10+16).
757	Saigon	Paris, Ann. Bur. Centr. Météor, 1910.	Do. do.	Do.
758	Nhatrang	Manila, Bull. Philippine Weather Bureau, 1910.	P, T, prepared in M.O. R, Maso, M.S., Annual Amount and Distirbution of Rainfall in the Philippines, 1914.	P=⅙ (2+6+10+14+18+22).
759	Bolinao	Do. do.	Do. do.	Do.
760	Vigan	Do. do.	See current data.	P=mean of 24 hrs. T.*
761	Manila	Do. do.	See No. 759.	See No. 759.
762	Ormoc	Do. do.	M.S. normals prepared in M.O.	P=½ (6+14).
765	Guam, Ladrone Is.	See No. 759.		

Between Latitude 10° N. and 0°. ZONE 8.

805	Fanning Island	M.S. data at M.O.	M.S. normals prepared in M.O.	..
819	Culebra	Washington, U.S. Dept. Agric., Monthly Weath. Rev., 1910.	P, T, prepared in M.O. R, Culebra, Isthmian Canal Commission, Monthly .. [Meteor. Report.	P reduced to mean of 24 hrs. Hours of P normal unknown.
823	El Peru, Guayanavieja	M.S. data at M.O.	See current data.	P=⅓ (7+14+21).
825	Georgetown, Brit. Guiana	Brit. Guiana, Blue Book, 1910. [De Bilt.	R, Voss, Niederschlag. von Südamerika.	P=½ (9+16).
826	Paramaribo	M.S. data supplied by K. Ned. Meteor. Inst.,	M.S. normals prepared in M.O.	P=⅛ (8+14+18).
826a	Cayenne	Paris, Ann. Bur. Centr. Météor., 1910.	M.S. normals prepared in M.O.	.. [Dec. ½ (6+14+21).
833	Conakry	See No. 826a.	Do. do.	P, Jan. to April, ½ (7+14+21), May to
834	Sierra Leone	M.S. data at M.O.	T, prepared in M.O. R, Brooks, C. E., Rainfall of Nigeria and Gold Coast.	P, Jan. to June ½ (9+15), July to Dec. .. [½ (9+17).
835	Cape Coast Castle	Do.	R, Do. do.	Temperatures at Accra appear unreliable.
836	Accra	Do.	M.S. normals prepared in M.O.	P=½ (9+15).
837	Lagos	Southern Nigeria, Blue Book, 1910.	P, T, normals prepared in M.O. R, Brooks, C. E., Rainfall of Nigeria and Gold Coast.	P=9 h.
838	Zungeru	M.S. data at M.O.	See No. 837.	..
838a	Libreville	See No. 826a.	T, R, see No. 838.	..
839	Yola	See No. 838.	..	P=8 h. Nov. Dec., T=8 h.
841	Kafia Kingi	Cairo, Ann. Rep. Survey Dept., Egypt, 1910.	R, see current data.	P=8 h.
842	Wau	Cairo, Do., and Summary of Weather in Egypt, etc., 1910.	M.S. normals prepared in M.O.	P=⅓ (7+14+21).
843	Entebbe	See No. 838.	Nairobi, Meteor. Records, British East Africa, 1911.	..
844	Nandi	British East Africa, Blue Book, 1910.	..	..
845	Harrár	See No. 841.	P, T, see current data. R, Calcutta India Weather Review, 1912.	P=8 h. P diff. =Station level—normal.
851	Cothin	Calcutta, India Weather Review, 1910. [Ceylon, 1910.	See current data.	P=½ (9½+15½).
852	Colombo Observatory	Colombo, Rep. on Obs. and Meteor. of	Do.	..
853	Candy	Do. do.	P, prepared in M.O. R, see current data.	P reduced to mean of 24 hrs.
855	Medan	P, Batavia, Obs. at II. Stations in Netherlands East India, vol. i.. R, Regenw. in do.	See current data.	P=⅓ (9+15+21).
856	Kota Radja		M.S. normals prepared in M.O.	..
857	Penang	Singapore, Straits Settlements Meteor. Returns, 1910.	P, T, prepared in M.O. R, Maso, M. S., Annual Amount and Distribution of Rainfall in Philippines, 1914.	P=⅛ (2+6+10+14+18+22). The 2 h. observation of temperature is missing from March to Dec., and has been interpolated. The observations of pressure of this station from Jan. to Nov. seem to be about 1 mb, too low, and this amount should be added to the monthly means and differences from normals.
858	Singapore		..	P=⅛ (2+6+10+14+18+22).
860	Sandakan	British North Borneo Herald, 1910.	M.S. normals prepared in M.O.	P=⅛ (6+14).
861	Tagbilaran	Manila, Bull. Philippine Weather Bureau, 1910.	Do. do.	P=⅓ (7+14+21).
862	Surigao	Do. do.	..	
863	Yap	Do. and Ann. Rep., 1910.	M.S. normals prepared in M.O.	
869	Uyelang	Hamburg, Deutsche Übersee. Meteor. Beob., 20.	Do. do.	

* The temperature deviations refer to the hourly or reduced hourly means.

ZONE 9. Table showing the Authorities for the Meteorology of the Globe between Latitude 0° and 10° S.

No.	Name of Station.	Authority for Current Data.	Authority for Normals.	Remarks.
905	Malden Island	M.S. data at M.O.	M.S. normals prepared in M.O.	P=$\frac{1}{2}$ (9+20).
906				
923	Manaos	Rio de Janeiro, Minist. da Agric., Indust. e Commerc., Boletin Meteorologico, 1910.	M.S. normals supplied by Mr R. C. Mossman.	P=$\frac{1}{3}$ (7+14+21).
929	Quixeramobim	Do. do.	M.S. normals supplied by Senor C. M. Delgado de Carvalho.	P=$\frac{1}{3}$ (7+14+21).
930	Fernando Noronha	..	..	..
939	Sainte Croix-des-Eshiras	Paris, Ann. Bur. Centr. Météor., 1910.	M.S. normals prepared in M.O.	..
940	Loango	Do. do.	..	..
943	Daressalam	Hamberg, Deutsche Übersee. Meteor. Beob., 20.	M.S. normals prepared in M.O.	P=mean of 24 hrs. P, diff.=$\frac{1}{3}$ (7+14+21). (1910—normal).
944	Nairobi	British East Africa Blue Book, 1910.	T, prepared in M.O. R, Nairobi, Meteor. Records, British East Africa, 1911.	..
944*a*	Zanzibar	Calcutta, India Weather Review, 1910.	P, T, see current data. R, Calcutta, India Weather Review, 1912.	P=8 h. P, diff.=Station Level—normal.
946	Lamu	British East Africa, Blue Book, 1910.	R, prepared in M.O.	..
947	Seychelles	See No. 944*a*.	P, see current data. T, Calcutta, India Weather Review, 1911. R, prepared in M.O.	P=$\frac{1}{2}$ (10+16) reduced to true mean.
948				
956	Padang	P, Batavia, Obs. at II. Stations in Netherlands East India, vol. i. R, Regenw. in do.	P, Batavia, Obs. at II. Stations in Netherlands East India, vol. i. R, see current data.	P, reduced to mean of 24 hrs.
957	Batavia	Batavia, R. Magn. Meteor. Obs., 1910.	See current data.	P=mean of 24 hrs.
958	Pontianak	See No. 956.	See No. 956.	See No. 956.
959	Passeroean	P, R, see No. 956. T, from Natuurkundig Tijdschrift voor Nederlandsch-Indië 71.	Do.	Do.
960	Kajoemas	..	..	..
961	Koepang	See No. 956.	Do.	Do.
962	Ambon	Do.	Do.	Do.
965	Daru	Port Moresby Papua Govt. Gazette, 1910–11.	M.S. normals prepared in M.O.	P=9 h.
966	Port Moresby	Do. do.	Do. do.	Do.
967	Rakuranga	Hamburg Deutsche Übersee Meteor. Beob. 20.	..	..
968	Rendova	Results of Rainfall Obs. in Queensland.	R, see current data.	..
969	Tulagi, Brit. Solomon Is.	M.S. data at M.O.	M.S. normals prepared in M.O.	P=9 h. The temperature deviations from normal have been omitted owing to change of site.
970	Ocean Island	Do.	Do. do.	P=$\frac{1}{2}$ (9+21).

ZONE 10. Between Latitude 10° S. and 20° S.

1002	Apia, Samoa	Hamburg, Deutsche Übersee. Meteor. Beob., 20.	M.S. normals prepared in M.O.	P=$\frac{1}{3}$ (7+14+21).
1003	Alofi, Niue Island	M.S. data at M.O.	Do. Do.	P=9 h.
1004				
1007	Tahiti (Makatea)	Paris, Ann. Bur. Centr. Météor, 1910.	Do. do.	P=$\frac{1}{3}$ (6+12+18).
1008				
1021	Puerto de Arica	M.S. data supplied by Inst. Meteor. de Chile, Santiago.	T, prepared in M.O.	P=$\frac{1}{3}$ (7$\frac{1}{2}$+10+16).
1022	Arequipa	M.S. data supplied by Professor Pickering, Harvard College.	P, T, prepared in M.O. R, Hann, Handbuch der Klimatologie.	P=$\frac{1}{3}$ (8+14+20). Mean temp. Jan. Feb., Mar. and Year is $\frac{1}{4}$ (8+14+2×20) to make it correspond to $\frac{1}{2}$ (Max.+Min.).
1023				
1024	Sucre, Bolivia	..	..	..
1025	Aragnaya	Meteor. Zs., 30, 1913, p. 398.	See current data.	P, T, =$\frac{1}{3}$ (6+14+20).
1026	Cuyaba	Rio de Janeiro, Minist. da Agric., Indust. e Commerc., Boletim. Meteorologico, 1910.	P, T, prepared in M.O. R, Hann, Handbuch der Klimatologie.	P=$\frac{1}{3}$ (7+14+21).
1027	Bello Horizonte	Bello Horizonte, Minas Geraes, Dados Meteor. de 1910 a 1914.	..	Do.
1028	Cœtite	See No. 1026.	..	Do.
1029	Ondina	Do.	..	Do.
1030	Aracaju	Do.	..	Do.
1034				
1035	St. Helena	M.S. data at M.O.	M.S. normals prepared in M.O.	P=9 h. On Nov. 20th 1910, height changed to 632 m. Pressure for Nov., Dec. and the Year corrected to old height of 620 m.
1036				
1042	Gwelo	Salisburgh, Rep. on Meteor., 1910, by the Agric. Dept.	P, T, prepared in M.O. R, Goetz, E., Rainfall of Rhodesia.	P=8 h.
1043	Salisbury, Rhodesia	Nyasaland Blue Book, 1910.	M.S. normals prepared in M.O.	P=$\frac{1}{3}$ (9+21).
1044	Zomba	Paris, Ann. Bur. Centr. Météor., 1910.	Do. do.	P=$\frac{1}{3}$ (7+12+18). Mean T. Sept.–Dec. =$\frac{1}{3}$ (7+12+18).
1045	Tamatave			P=mean of 24 hrs.
1046	Tananarivo	Tananarive, Obs., météor. 1910.	See current data.	
1054				
1055	Cocos Keeling Is.	Melbourne, Australian Monthly Weath. Rep., vol. i., 1910.	Do.	P=$\frac{1}{2}$ (9+15). P, diff.=9 h. (1910—normal).
1056				
1057	Christmas Is.	Edinburgh, J. Scottish Meteor. Soc., 15, 1908–1910.	M.S. normals supplied by Mr A. Watt.	P=$\frac{1}{2}$ (9+21).
1058				
1061	Derby	See No. 1055.	See current data.	P=$\frac{1}{2}$ (9+15).
1062	Hall's Creek	Do.	Do.	Do.
1063	Port Darwin	Do.	Do.	Do.
1064	Daly Waters	Do.	Do.	Do.
1065	Mein	Do.	Do.	Do.
1066	Georgetown, Queensland	Do.	Do.	Do.
1067	Samarai	Port Moresby, Papua Government Gazette, 1910–11.	M.S. normals prepared in M.O.	P= 9 h
1069				
1070	La Kolle	Paris, Ann. Bur. Centr. Météor., 1910.	..	..
1071				
1072	Suva, Fiji	M.S. data at M.O.	Suva, Ann. Rep. Agric., Fiji, 1915.	P=9 h.

Table showing the Authorities for the Meteorology of the Globe between Latitude 20° S. and 30° S. ZONE 11.

No.	Name of Station.	Authority for Current Data.	Authority for Normals.	Remarks.
1105	Rarotonga (Avarua)	M.S. data at M.O.	R, prepared in M.O.	..
1106				
1115	Mataveri, Easter Island	..	..	..
1116				
1121	Punta Tortuga, Coquimbo	M.S. data supplied by Inst. Meteor. de Chile, Santiago.	M.S. normals prepared in M.O.	P (T, July, Aug., Sept.,)=$\frac{1}{3}$ (7$\frac{1}{2}$+10+16).
1122	Puerto de Antofagasta	Do. do.	Do. do.	P=$\frac{1}{3}$ (7$\frac{1}{2}$+10+16).
1124				
1125	Goya	..	..	..
1126	Porto Alegre	Rio de Janeiro, Minist. da Agric., Indust. e Commerc., Boletim Meteorologico, 1910.	R, prepared in M.O.	P=$\frac{1}{3}$ (7+14+21).
1127	Curityba	Do. do.	See current data.	Do.
1128	Rio de Janeiro	Do. do.	P, T, Cruls L., O clima do Rio de Janeiro. R, Voss, Neiderschlag. von Südamerika.	P=mean of 24 hrs.
1138				
1139	Windhuk	Hamburg, Deutsche Übersee Meteor. Beob., 21.	T, M.S. normals prepared in M.O.	P=mean of 24 hrs.
1140				
1141	Johannesburg	Notices of the Transvaal Obs., 1910 and Pretoria, Ann. Rep. Meteor Dept., 1910.	P, prepared in M.O. T, R, Notices of Transvaal Obs., 1911.	P=$\frac{1}{3}$ (7+14+21).
1142	Kimberley	Sutton, J., A Preliminary Survey of the Meteorology of Kimberley, 1912 and M. S. data supplied by Mr R. C. Mossman.	P, T, see current data. R, prepared in M.O.	P=mean of 24 hrs. T.*
1142*a*	Pretoria	See No. 1141.	See No. 1141.	P=$\frac{1}{3}$ (8+13$\frac{1}{2}$+19).
1143	Durban	M.S. data supplied by Chief Meteorologist, Pretoria.	P, Sutton, Some Press. and Temp. Results for Plateau of S. Africa. T, Sutton, S. Afric. Coast Temp. R, Meteor. Zs., 23, 1906, p. 568.	P=8$\frac{1}{2}$ h.
1144	Lorenzo Marques	Lourenço Marques, Relatorio do Obs. Campos Rodrigues, 1910.	A. de A. Teixera, Climate of Lourenço Marques, 1913.	P=mean of 24 hrs.
1146				
1147	Mauritius	Mauritius, Results of Meteor. Obs. during 1910 at Royal Alfred Observatory.	See current data.	P=mean of 24 hrs. T.*
1148			..	..
1158				
1159	Onslow	Melbourne, Australian Monthly Weath. Rep., vol., i., 1910.	See current data.	P=$\frac{1}{2}$ (9+15).
1160	Peak Hill	Do. do.	Do.	Do.
1161	Nullagine	Do. do.	Do.	Do.
1162	Laverton	Do. do.	do.	Do.
1163	Alice Springs	Do. do.	Do.	Do.
1164	William Creek	Do. do.	Do.	Do.
1165	Boulia	Do. do.	Do.	Do.
1166	Mitchell	Do. do.	Do.	Do.
1167	Rockhampton	Do. do.	Do.	Do.
1168	Brisbane	Do. do.	Do.	Do.
1169	Noumea	Paris Ann. Bur. Centr. Météor., 1910.	M.S. normals prepared in M.O.	..
1170	Norfolk Island	Results of Rainfall Obs. in Queensland	See current data.	..

Between Latitude 30° S. and 40° S. ZONE 12.

1220	Juan Fernandez	M.S. data supplied by Inst. Meteor. de Chile, Santiago.	R, prepared in M.O.	P, T, =$\frac{1}{3}$ (7$\frac{1}{2}$+10+16).
1221	Punta Angeles, Valparaiso	Do. do.	P, T, prepared in M.O. R, Mossman, R. C., Climate of Chile.	P=$\frac{1}{3}$ (7$\frac{1}{2}$+10+16).
1222	Santiago	Santiago, Observaciones de Provincias, 1910.	P, Buchan, "Challenger" Rep. on Atmospheric Circulation. T, R, Mossman, R., Climate of Chile.	P, T=$\frac{1}{3}$ (7+14+21).
1223	Cordoba	..	..	..
1224	Buenos Ayres	Buenos Ayres, Anales de la Oficina Meteor. Argentina Tomo xv.	P, Davis, W. G., Climate of Argentine Republic, T, R, Buenos Ayres, Servic. Meteor. Hist. y Organ.	P=mean of 24 hrs.
1225	Rio Grande	..	..	..
1226	Montevideo	Montevideo, Boletin mensual del Inst. Nacion., 1910.	M.S. normals prepared in M.O.	P=mean of 24 hrs.
1238				
1239	Cape Town	M.S. data supplied by Chief Meteorologist, Pretoria.	P, T, prepared in M.O. R, Cape Town, Rep. Select Committee on Droughts, etc.	P=8$\frac{1}{2}$ h.
1240	Danger Point	Do. do.	..	..
1141	Heidelberg	Do. do.	T, prepared in M.O. R, Buchan, Rainfall of S. Africa.	..
1242	East London	Do. do.	P, prepared in M.O. T, Sutton, S. Afric. Coast Temp. R, Sutton, Climate of East London.	P=8$\frac{1}{2}$ h.
1258				
1259	Perth (Observatory)	Melbourne, Australian Monthly Weath. Rep., 1910.	See current data.	P=$\frac{1}{2}$ (9+15).
1260	Katanning	Do. do.	Do.	Do.
1261	Coolgardie	Do. do.	Do.	Do.
1262	Eucla	Do. do.	Do.	Do.
1263	Streaky Bay	Do. do.	Do.	Do.
1264	Adelaide	Do. do.	Do.	P=Mean of 24 hrs.
1265	Melbourne	Do. do.	Do.	P=$\frac{1}{2}$ (9+15). P, diff.=9 h.—normal.
1266	Bourke	Do. do.	Do.	P=mean of 24 hrs.
1267	Sydney	Do. do.	Do.	..
1268	Lord Howe Island	Results of Rainfall Obs. in Queensland.	See current data.	..
1270				
1271	Auckland	Wellington, Statistics of New Zealand, 1910, Meteor.	T, R, M.S. normals prepared in M.O.	P=9$\frac{1}{2}$ h. Aneroid barometer.

* The temperature deviations refer to the hourly or reduced hourly means.

ZONE 13. Table showing the Authorities for the Meteorology of the Globe between Latitude 40° S. and 50° S.

No.	Name of Station.	Authority for Current Data.	Authority for Normals.	Remarks.
1301	Chatham Island	Wellington, Statistics of New Zealand, 1910. Meteor.	M.S. normals prepared in M.O.	..
1302				
1321	Punta Corona	M.S. data supplied by Inst. Meteor. de Chile, Santiago	**T**, prepared in M.O. **R**, Mossman, R. C., Climate of Chili.	..
1322	Punta Galera	Do. do.	M.S. normals prepared in M.O.	**P** = $\frac{1}{3}$ ($7\frac{1}{2}$+10+16).
1323	Bahia Blanca	..	..	..
1324				
1365	Hobart	Melbourne, Australian Monthly Weath. Rep., vol. i., 1910.	See current data.	**P** = $\frac{1}{2}$ (9+15).
1366	Launceston	Do. do.	Do.	Do.
1367				
1370	Dunedin	See No. 1301.	M.S. normals prepared in M.O.	**P** = $9\frac{1}{2}$ h.
1371	Christchurch	Do.	Do. do.	**P** = 9 h.
1372	Wellington	Do.	Wellington, New Zealand Gazette.	Do.

ZONE 14. Between Latitude 50° S. and 60° S.

1421	Islota de los Evangelistas	M.S. data supplied by Inst. Meteor. de Chile, Santiago.	M.S. normals prepared in M.O.	**P** = $\frac{1}{3}$ ($7\frac{1}{2}$+10+16)
1422	Puerto de Punta Arenas	Do. do.	Marabini, B., Resumen de Obs., 1888–1907, del Colegio Salesiano, Punta Arenas.	Do.
1423	Punta Dungeness	Do. do.	M.S. normals prepared in M.O.	**P**, **T** = $\frac{1}{3}$ ($7\frac{1}{2}$+10+16).
1424				
1425	Cape Pembroke	M.S. data at M.O.	Do. do.	**P** = $\frac{1}{6}$ (4+8+12+16+20+24).
1426	Stanley, Falklands Is.	Meteor Obs. taken at Stanley, Falkland Is., 1910.	Do. do.	..
1427				
1428				
1429	South Georgia (Cumberland Bay)	M.S. data at M.O.	Do. do.	**P** = $\frac{1}{3}$ (8+14+20).

ZONE 15. Between Latitude 60° S. and 70° S.

1527	South Orkneys	Buenos Ayres, Observaciones de las Islas Orcadas, 1905–1910.	M.S. normals supplied by Mr R. C. Mossman.	**P** = mean of 24 hrs.
1528				

TEMPERATURES REDUCED TO TRUE MEAN.

The following references give the more important authorities for the corrections to reduce the temperature observations at fixed hours, or means of maxima and minima, to true mean, or for the reduced values themselves.

Greenland, *Iceland*.—Copenhagen, Institut Météor., Moyennes et extrêmes météor. . . . des Iles Féroë, de l'Islande et du Groenland. Copenhagen, 1899.

Norway.—Kristiania, Jahrb. d. Norweg. Meteor. Instituts.

Denmark.—Jantzen, Willaume, Meteorologiske Observationer i Kjobenhavn. Copenhagen, 1896.

Sweden.—Ekholm, N., Calcul de la température moyenne mensuelle de l'air aux stations météor. suédoises. Uppsala, 1916.

Russia.—Wild, H., Die Temperatur-Verhältnisse des Russisches Reiches. 3 vols. St. Petersburg, 1881.

Canada.—Prepared in M.O.

U.S.A.—Washington, U.S. Dept. Agric., Weather Bureau, Bulletin S. By F. H. Bigelow, 1909.

Hungary.—Rona, S., u. Fraunhoffer, L., Die Temperaturverhältnisse von Ungarn. Budapest, 1904.

Portugal (Lisbon).—J. d'Almeida Lima, Le climat de Lisbonne. Lisbon, 1912.

Italy.—Eredia, F., Il clima di Roma. Rome, 1911.

Greece (Athens).—Athens, Observatoire National, Annales.

Africa.—Brooks, C. E. P. The Reduction of Temperature Observations to Mean of 24 Hours, and the Elucidation of the Diurnal Variation, in the Continent of Africa. London, Q.J.R. Meteor. Soc., 43, 1917, p. 375.

Egypt and Sudan.—Cairo, Survey Department, Annual Report, 1907.

India.—Calcutta, Meteorological Office, Indian Meteorological Memoirs, vol. xvii. Calcutta, 1904.

Tropics.—Hann, J. von, Die tägliche Gang der Temperatur in der inneren Tropenzone; Die tägliche Gang der Temperatur in der äusseren Tropenzone. 3 vols. Wien, 1905, 1907.

South America.—Supplied by Mr. R. C. Mossman.

South Georgia.—Internationale Polarforschung, 1882–3. Die Beobachtungs-Ergebnisse der Deutschen Stationen; Süd-Georgien. Berlin, 1886.

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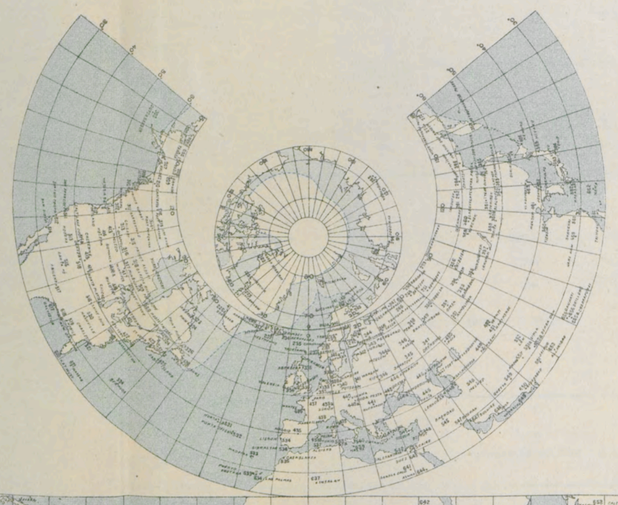
Plate 1.—Frontispiece

to face title.

RESEAU MONDIAL, 1910.

MAP SHOWING POSITIONS OF STATIONS.



FORM 0831.

METEOROLOGICAL OFFICE, LONDON, 1915.

EXPLANATION.

The accompanying outline of the world, made up of sections drawn on the flat, gives a representation which shows a distortion from the truth of not more than 5 per cent. linear at any point. The five sections, of which it is composed, may be cut out and made up to form an "octagonal" globe of which a full size drawing is shown at A. If desired the sections can be preserved flat, thus economising space.

The projection of the equatorial belt between the tropics is Mercator's; the two belts between the tropics and the Arctic and Antarctic circles are drawn on Alber's equal-surface conical projection, making distortion to vanish at latitudes 35° and 60°. The polar caps are on the orthographic projection.

The positions marked on the map are those of meteorological stations adopted in the Meteorological Office to represent a *Réseau Mondial* for the purpose of studying the climatology of the globe.

The plan of the *Réseau Mondial* is to select two stations for each 10° square of latitude and longitude and number them according to the zone of latitude and the belt of longitude according to the annexed scheme:—

OUTLINE CHARTS OF THE GLOBE.

SCALE 1:125,000,000.

EXPLANATION—*continued.*

Latitude.	Zone number.
80° — 70° N.	1
70° — 60° N.	2
10° — 0° N.	8
0° — 10° S.	9
10° — 20° S.	10
70° — 80° S.	16

Longitude.	Number.
180° — 170° W. Two stations per zone	01 and 02
170° — 160° W. " " " "	03 " 04
160° — 150° W. " " " "	05 " 06
... ...	
10° 0° W. " " " "	35 " 36
0° — 10° E. " " " "	37 " 38
... ...	
170° — 180° E. " " " "	71 " 72

On the map the numbers shown give first the zone number, then the number of the station according to its longitude, *e.g.*, 101 and 102 would be stations in 10° square bounded by 70° N., 60° N., (zone 1) 180° W. and 170° W. (longitude numbers 01, 02).

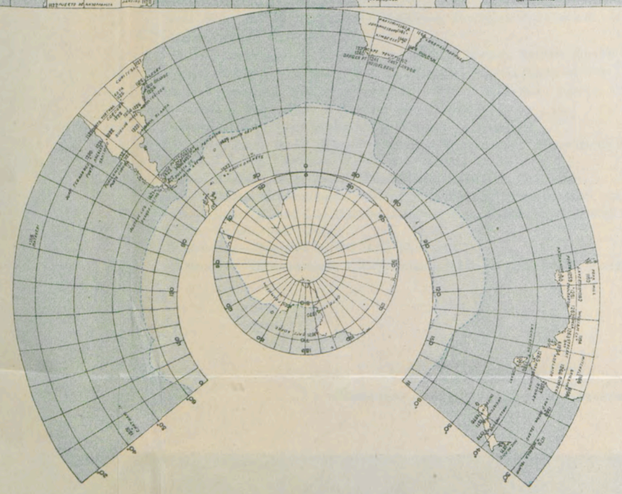
336 represents Greenwich Observatory, in square bounded by 50° N., 60° N., (zone 3) 10° W., 0° W. (longitude number 36).

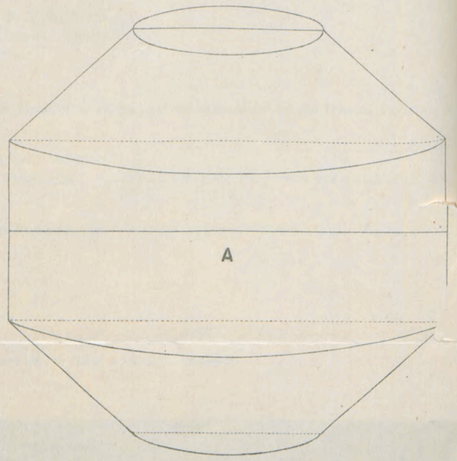
EXPLANATION OF TINTS

Land areas and sea permanently covered with field ice or ice sheet.

Sea open to navigation at some seasons of the year, and covered by ice at others

Sea permanently open to navigation.





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AIR MINISTRY.

METEOROLOGICAL OFFICE.

BRITISH METEOROLOGICAL AND MAGNETIC YEAR BOOK, 1910.

PART V.

RÉSEAU MONDIAL, 1910.

CHARTS

SHOWING THE DEVIATION OF THE PRESSURE AND TEMPERATURE FROM NORMAL VALUES FOR EACH MONTH AND FOR THE YEAR, BASED ON OBSERVATIONS AT LAND STATIONS,

GENERALLY TWO FOR EACH TEN-DEGREE SQUARE OF LATITUDE AND LONGITUDE.

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RESEAU MONDIAL, 1910. CHARTS.

THE accompanying charts have been prepared to illustrate the tables of the Réseau Mondial for 1910, which were issued in 1920. These charts are in all respects similar to the volume for 1911, published in 1916. Owing to the difficulty experienced during the war in obtaining the necessary data for the later years, after the tables for 1913 had been prepared, it was decided to continue with the volume for 1910. When the issue of charts was again taken up, this year, as the earliest of the series, was the first to be dealt with. It is hoped to proceed with those for 1912 and 1913 in due course.

These charts give the results of the consideration of the data from the point of view of cosmical meteorology—the deviations of pressure and temperature from normal. The variations of these elements in the same month in different years are largely minor effects superposed on the general distribution characteristic of the month, and would in most cases be barely distinguishable if merely the distribution, and not its abnormalities, were shown.

The method of representation of the two elements differs, for while pressure is shown by isanomalies—lines of equal deviation from normal—in steps of five millibars, and the individual deviations are not shown, the individual deviations of temperature in degrees absolute are plotted for each station, but isanomalies are not drawn. Of these figures, the red indicate temperatures above normal, and the blue temperatures below normal. It has not been possible to represent graphically the deviation of rainfall from normal, owing to the great localisation of this element.

The projection of the globe which is used for these maps is one which is employed at the Meteorological Office for the construction of "octagonal globes," and is so adjusted that the scale is everywhere within 5 per cent. of uniformity.

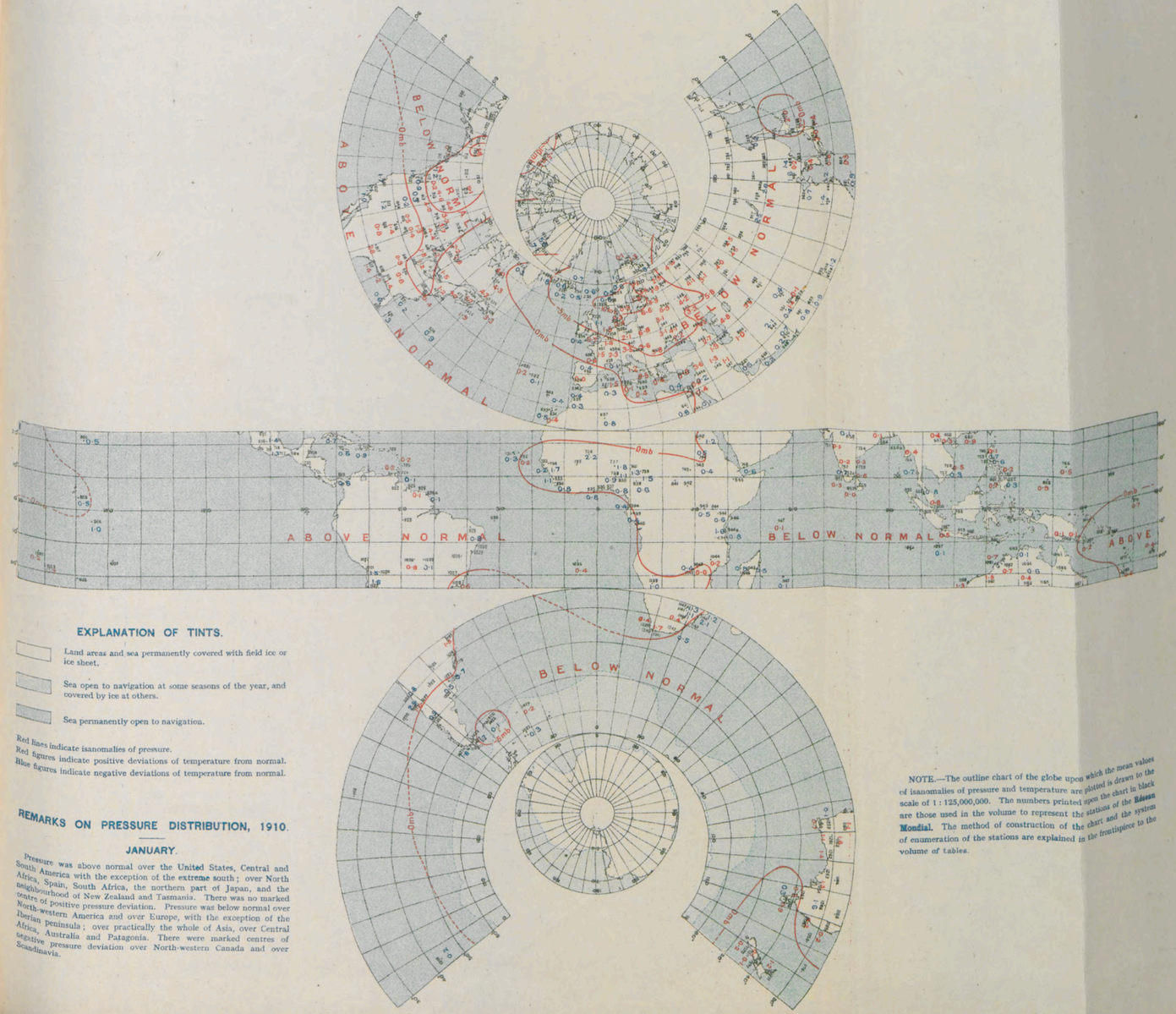
G. C. SIMPSON.

28*th April* 1921.

Wt. 16730/590/139—500—5/21.—N. & Co., Ltd. Gp. 15.

Plate 2.

MAP SHOWING DEVIATIONS FROM NORMAL VALUES OF MEAN AIR PRESSURE AND MEAN TEMPERATURE FOR JANUARY, 1910.



EXPLANATION OF TINTS.

Land areas and sea permanently covered with field ice or ice sheet.

Sea open to navigation at some seasons of the year, and covered by ice at others.

Sea permanently open to navigation.

Red lines indicate isanomalies of pressure.
Red figures indicate positive deviations of temperature from normal.
Blue figures indicate negative deviations of temperature from normal.

REMARKS ON PRESSURE DISTRIBUTION, 1910.

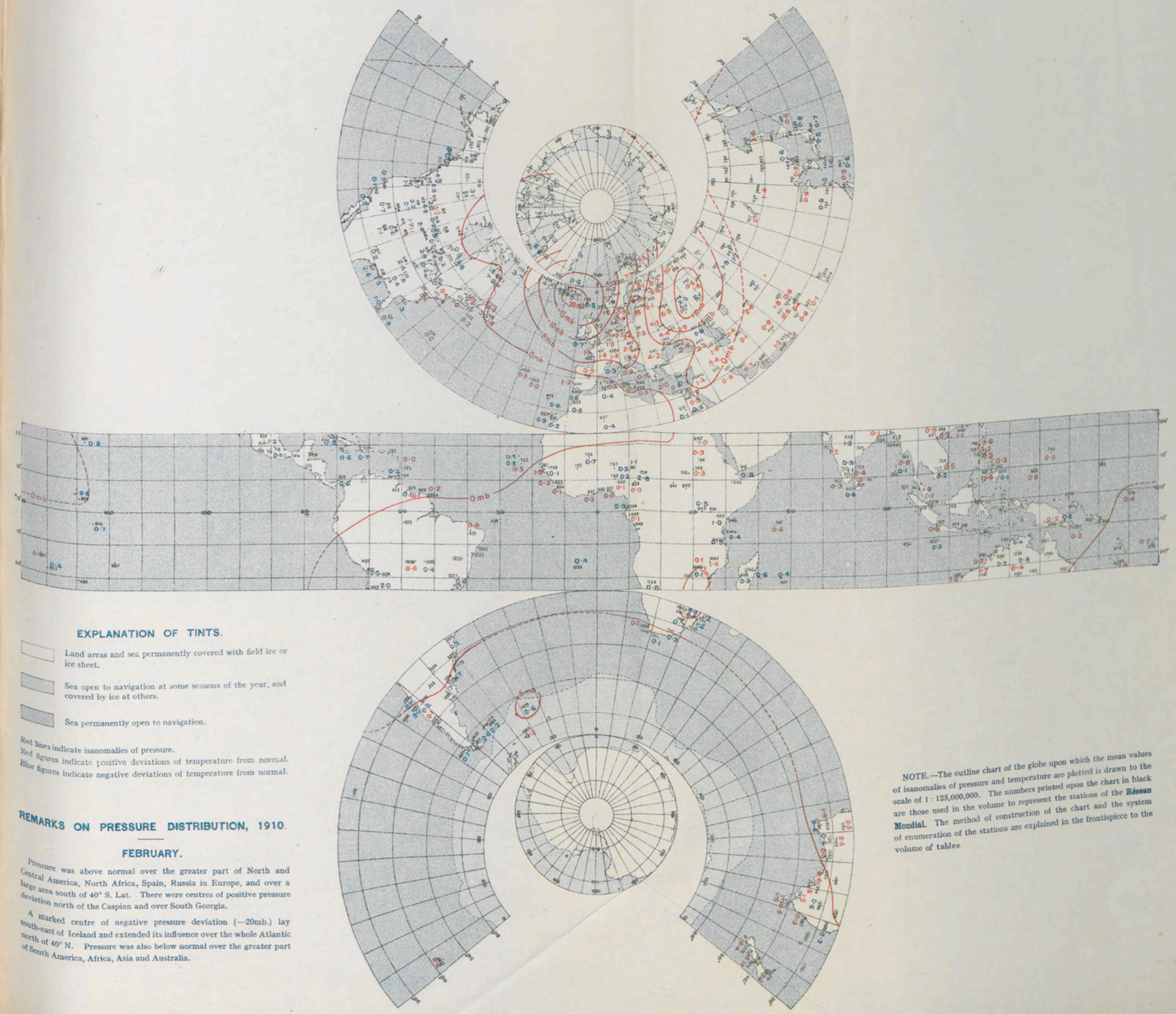
JANUARY.

Pressure was above normal over the United States, Central and South America with the exception of the extreme south; over North Africa, Spain, South Africa, the northern part of Japan, and the neighbourhood of New Zealand and Tasmania. There was no marked centre of positive pressure deviation. Pressure was below normal over North-western America and over Europe, with the exception of the Iberian peninsula; over practically the whole of Asia, over Central Africa, Australia and Patagonia. There were marked centres of negative pressure deviation over North-western Canada and over Scandinavia.

NOTE.—The outline chart of the globe upon which the mean values of isanomalies of pressure and temperature are plotted is drawn to the scale of 1 : 125,000,000. The numbers printed upon the chart in black are those used in the volume to represent the stations of the **Réseau Mondial**. The method of construction of the chart and the system of enumeration of the stations are explained in the frontispiece to the volume of tables.

Plate 3.

MAP SHOWING DEVIATIONS FROM NORMAL VALUES OF MEAN AIR PRESSURE AND MEAN TEMPERATURE FOR FEBRUARY, 1910.



EXPLANATION OF TINTS.

Land areas and sea permanently covered with field ice or ice sheet.

Sea open to navigation at some seasons of the year, and covered by ice at others.

Sea permanently open to navigation.

Red lines indicate isanomalies of pressure.
Red figures indicate positive deviations of temperature from normal.
Blue figures indicate negative deviations of temperature from normal.

REMARKS ON PRESSURE DISTRIBUTION, 1910.

FEBRUARY.

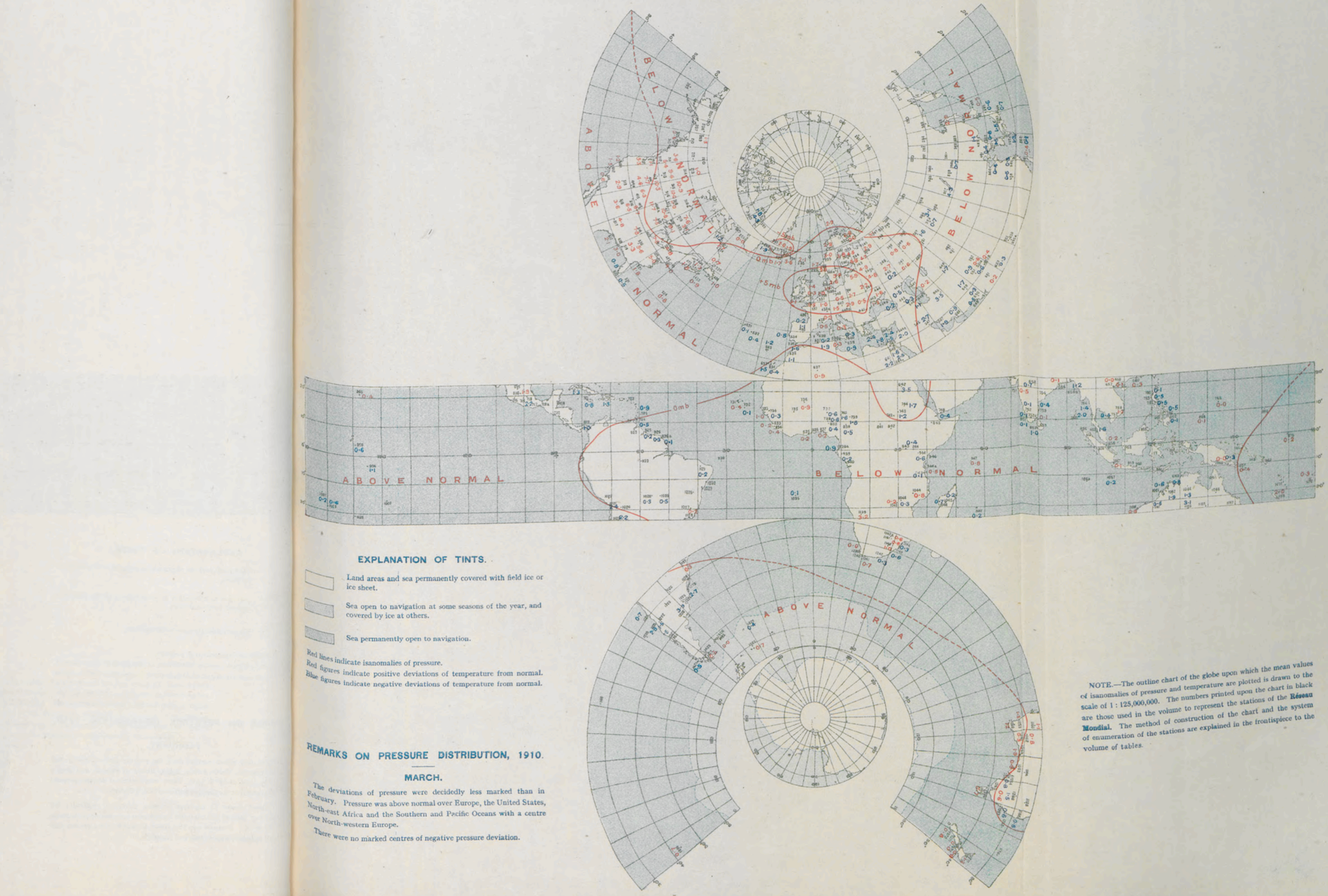
Pressure was above normal over the greater part of North and Central America, North Africa, Spain, Russia in Europe, and over a large area south of 40° S. Lat. There were centres of positive pressure deviation north of the Caspian and over South Georgia.

A marked centre of negative pressure deviation (—20mb.) lay south-east of Iceland and extended its influence over the whole Atlantic north of 40° N. Pressure was also below normal over the greater part of South America, Africa, Asia and Australia.

NOTE.—The outline chart of the globe upon which the mean values of isanomalies of pressure and temperature are plotted is drawn to the scale of 1 : 125,000,000. The numbers printed upon the chart in black are those used in the volume to represent the stations of the **Réseau Mondial.** The method of construction of the chart and the system of enumeration of the stations are explained in the frontispiece to the volume of tables.

Plate 4.

MAP SHOWING DEVIATIONS FROM NORMAL VALUES OF MEAN AIR PRESSURE AND MEAN TEMPERATURE FOR MARCH, 1910.



EXPLANATION OF TINTS.

Land areas and sea permanently covered with field ice or ice sheet.

Sea open to navigation at some seasons of the year, and covered by ice at others.

Sea permanently open to navigation.

Red lines indicate isanomalies of pressure.
Red figures indicate positive deviations of temperature from normal.
Blue figures indicate negative deviations of temperature from normal.

REMARKS ON PRESSURE DISTRIBUTION, 1910.

MARCH.

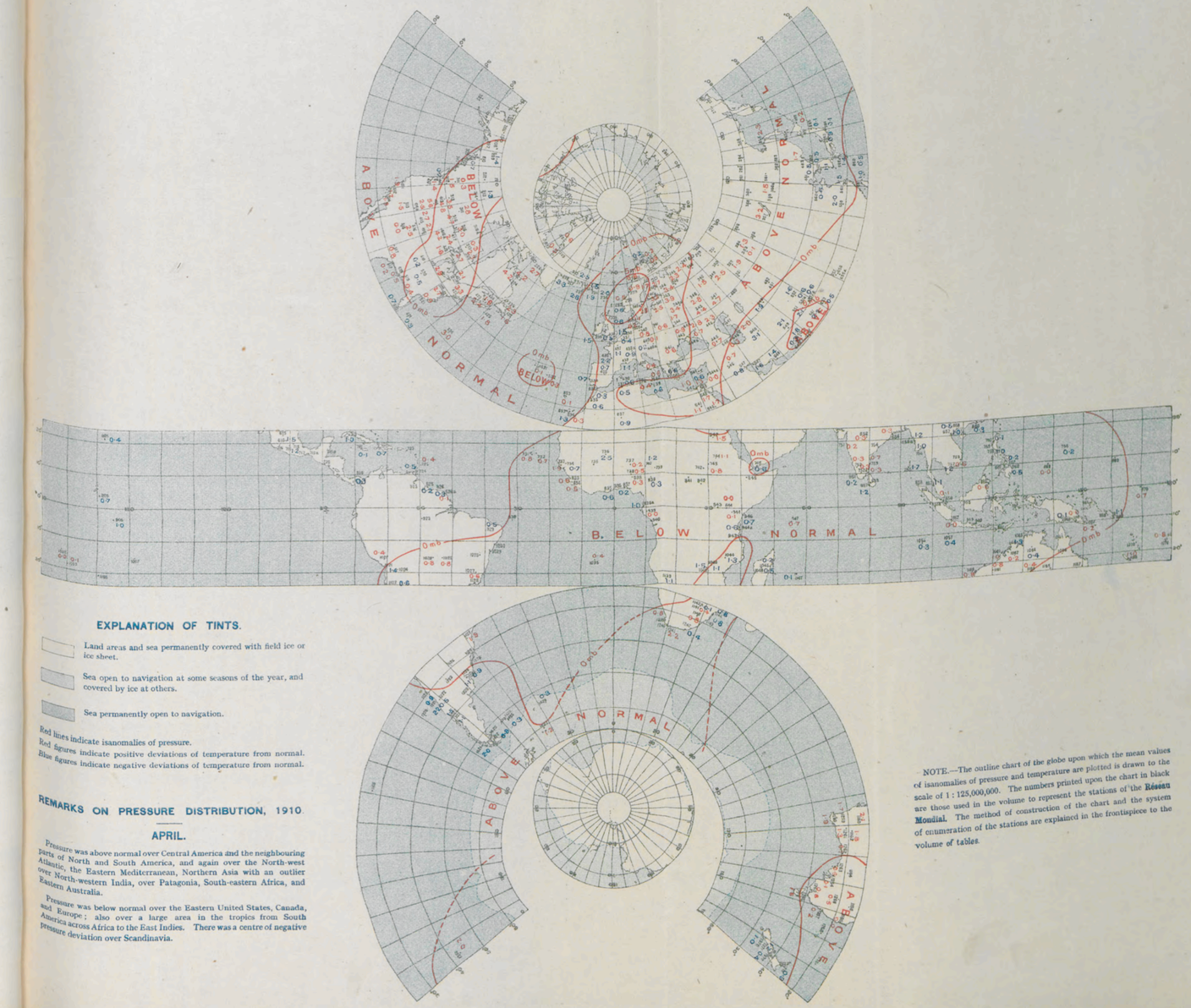
The deviations of pressure were decidedly less marked than in February. Pressure was above normal over Europe, the United States, North-east Africa and the Southern and Pacific Oceans with a centre over North-western Europe.

There were no marked centres of negative pressure deviation.

NOTE.—The outline chart of the globe upon which the mean values of isanomalies of pressure and temperature are plotted is drawn to the scale of 1 : 125,000,000. The numbers printed upon the chart in black are those used in the volume to represent the stations of the **Réseau Mondial**. The method of construction of the chart and the system of enumeration of the stations are explained in the frontispiece to the volume of tables.

Plate 5.

MAP SHOWING DEVIATIONS FROM NORMAL VALUES OF MEAN AIR PRESSURE AND MEAN TEMPERATURE FOR APRIL, 1910.



EXPLANATION OF TINTS.

Land areas and sea permanently covered with field ice or ice sheet.

Sea open to navigation at some seasons of the year, and covered by ice at others.

Sea permanently open to navigation.

Red lines indicate isanomalies of pressure.
Red figures indicate positive deviations of temperature from normal.
Blue figures indicate negative deviations of temperature from normal.

REMARKS ON PRESSURE DISTRIBUTION, 1910.

APRIL.

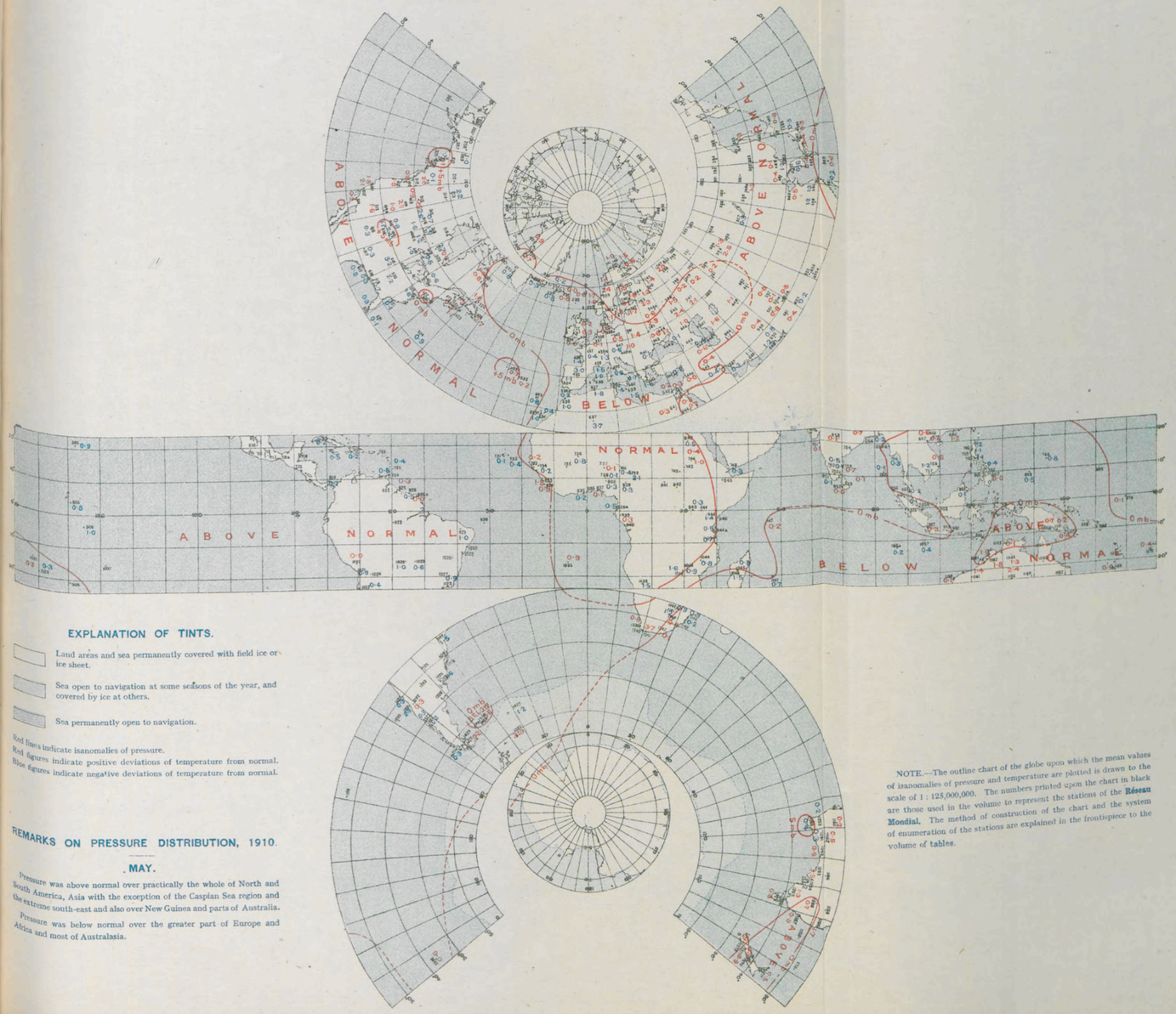
Pressure was above normal over Central America and the neighbouring parts of North and South America, and again over the North-west Atlantic, the Eastern Mediterranean, Northern Asia with an outlier over North-western India, over Patagonia, South-eastern Africa, and Eastern Australia.

Pressure was below normal over the Eastern United States, Canada, and Europe; also over a large area in the tropics from South America across Africa to the East Indies. There was a centre of negative pressure deviation over Scandinavia.

NOTE.—The outline chart of the globe upon which the mean values of isanomalies of pressure and temperature are plotted is drawn to the scale of 1 : 125,000,000. The numbers printed upon the chart in black are those used in the volume to represent the stations of the **Réseau Mondial**. The method of construction of the chart and the system of enumeration of the stations are explained in the frontispiece to the volume of tables.

Plate 6.

MAP SHOWING DEVIATIONS FROM NORMAL VALUES OF MEAN AIR PRESSURE AND MEAN TEMPERATURE FOR MAY, 1910.



EXPLANATION OF TINTS.

Land areas and sea permanently covered with field ice or ice sheet.

Sea open to navigation at some seasons of the year, and covered by ice at others.

Sea permanently open to navigation.

Red lines indicate isanomalies of pressure.
Red figures indicate positive deviations of temperature from normal.
Blue figures indicate negative deviations of temperature from normal.

REMARKS ON PRESSURE DISTRIBUTION, 1910.

MAY.

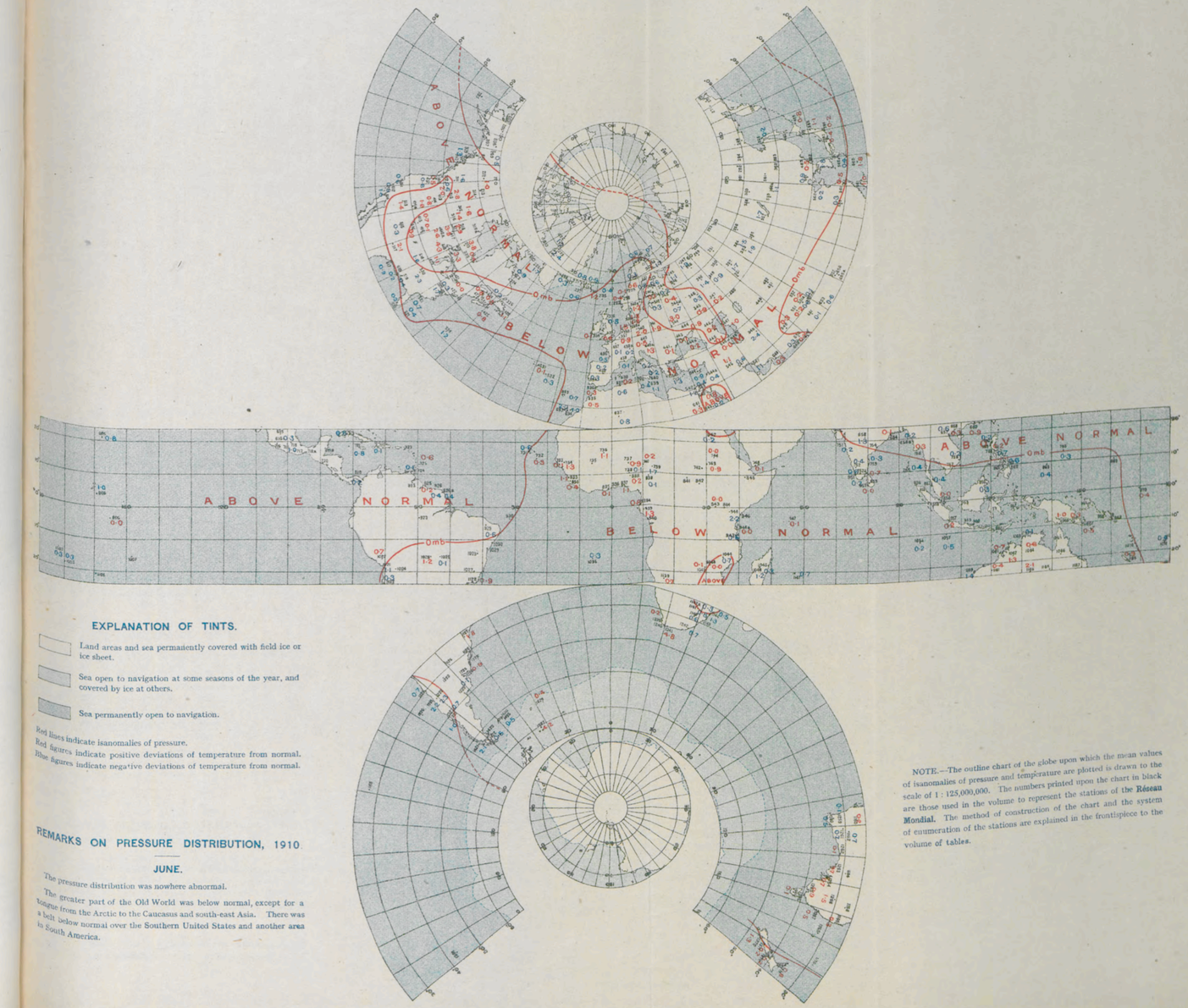
Pressure was above normal over practically the whole of North and South America, Asia with the exception of the Caspian Sea region and the extreme south-east and also over New Guinea and parts of Australia.

Pressure was below normal over the greater part of Europe and Africa and most of Australasia.

NOTE.—The outline chart of the globe upon which the mean values of isanomalies of pressure and temperature are plotted is drawn to the scale of 1 : 125,000,000. The numbers printed upon the chart in black are those used in the volume to represent the stations of the **Réseau Mondial**. The method of construction of the chart and the system of enumeration of the stations are explained in the frontispiece to the volume of **tables**.

Plate 7.

MAP SHOWING DEVIATIONS FROM NORMAL VALUES OF MEAN AIR PRESSURE AND MEAN TEMPERATURE FOR JUNE, 1910.



EXPLANATION OF TINTS.

Land areas and sea permanently covered with field ice or ice sheet.

Sea open to navigation at some seasons of the year, and covered by ice at others.

Sea permanently open to navigation.

Red lines indicate isanomalies of pressure.
Red figures indicate positive deviations of temperature from normal.
Blue figures indicate negative deviations of temperature from normal.

REMARKS ON PRESSURE DISTRIBUTION, 1910.

JUNE.

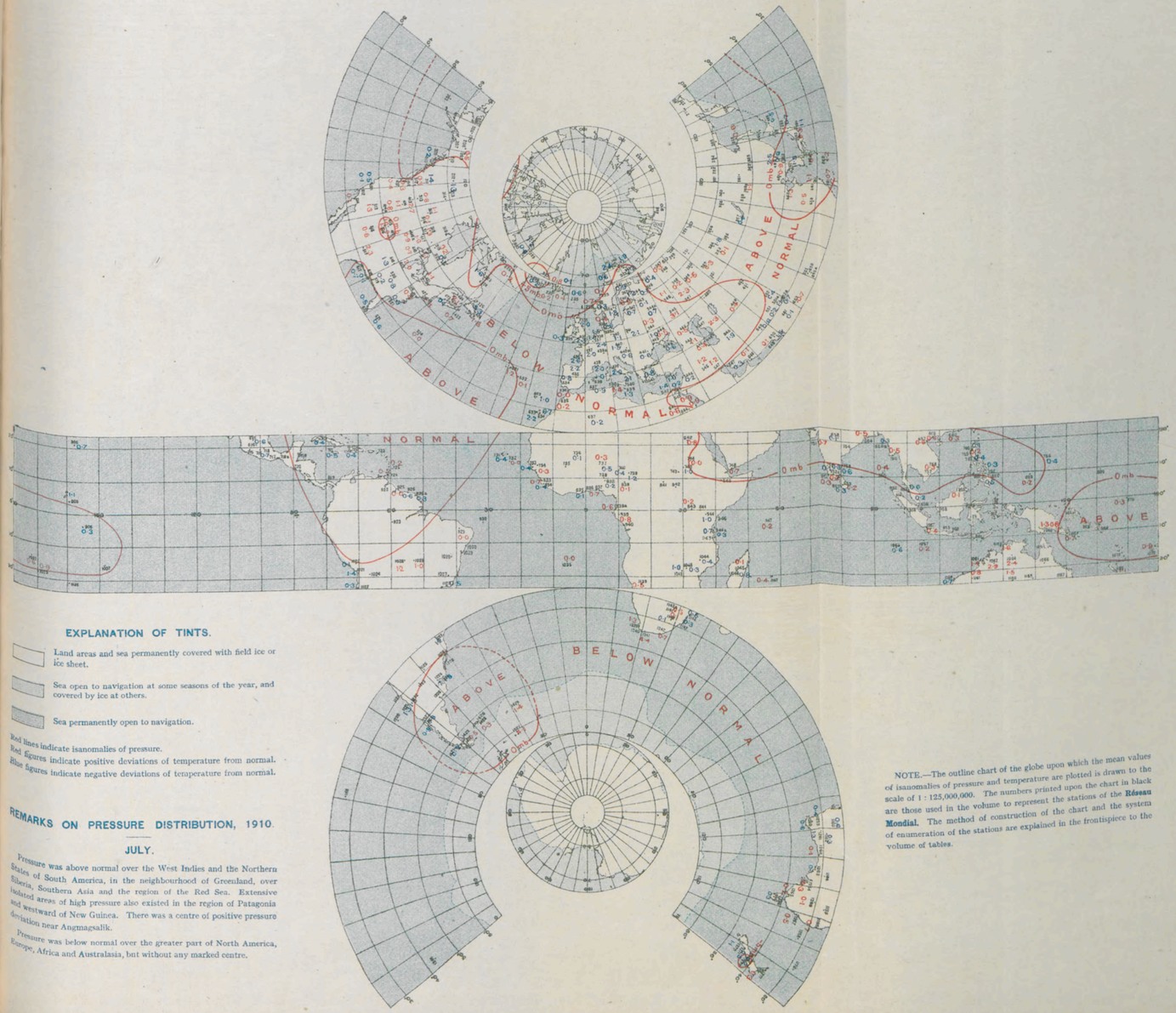
The pressure distribution was nowhere abnormal.

The greater part of the Old World was below normal, except for a tongue from the Arctic to the Caucasus and south-east Asia. There was a belt below normal over the Southern United States and another area in South America.

NOTE.—The outline chart of the globe upon which the mean values of isanomalies of pressure and temperature are plotted is drawn to the scale of 1 : 125,000,000. The numbers printed upon the chart in black are those used in the volume to represent the stations of the **Réseau Mondial.** The method of construction of the chart and the system of enumeration of the stations are explained in the frontispiece to the volume of tables.

Plate 8.

MAP SHOWING DEVIATIONS FROM NORMAL VALUES OF MEAN AIR PRESSURE AND MEAN TEMPERATURE FOR JULY, 1910.



EXPLANATION OF TINTS.

Land areas and sea permanently covered with field ice or ice sheet.

Sea open to navigation at some seasons of the year, and covered by ice at others.

Sea permanently open to navigation.

Red lines indicate isanomalies of pressure.
Red figures indicate positive deviations of temperature from normal.
Blue figures indicate negative deviations of temperature from normal.

REMARKS ON PRESSURE DISTRIBUTION, 1910.

JULY.

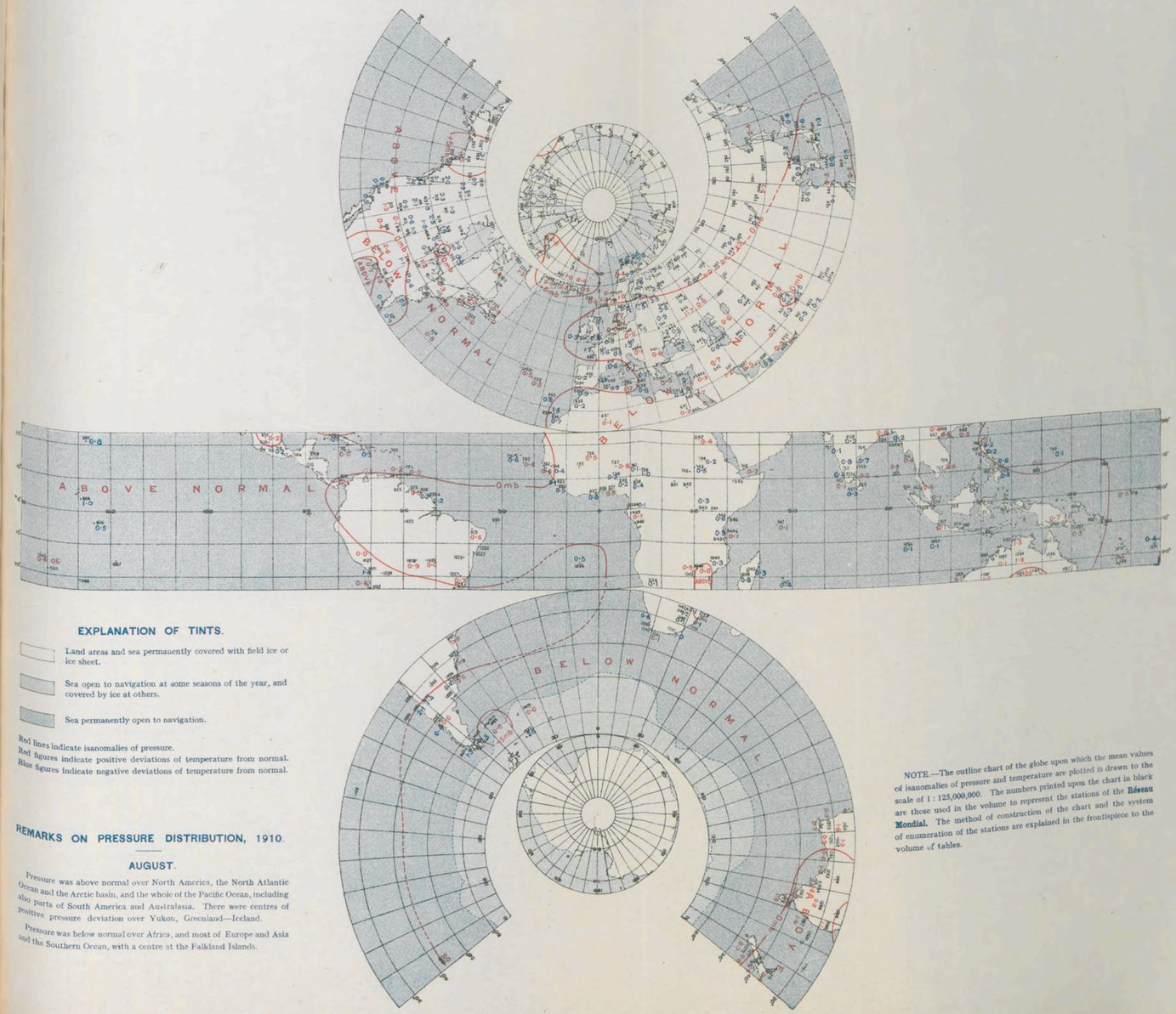
Pressure was above normal over the West Indies and the Northern States of South America, in the neighbourhood of Greenland, over Siberia, Southern Asia and the region of the Red Sea. Extensive isolated areas of high pressure also existed in the region of Patagonia and westward of New Guinea. There was a centre of positive pressure deviation near Angmagsalik.

Pressure was below normal over the greater part of North America, Europe, Africa and Australasia, but without any marked centre.

NOTE.—The outline chart of the globe upon which the mean values of isanomalies of pressure and temperature are plotted is drawn to the scale of 1 : 125,000,000. The numbers printed upon the chart in black are those used in the volume to represent the stations of the **Réseau Mondial**. The method of construction of the chart and the system of enumeration of the stations are explained in the frontispiece to the volume of tables.

Plate 9.

MAP SHOWING DEVIATIONS FROM NORMAL VALUES OF MEAN AIR PRESSURE AND MEAN TEMPERATURE FOR AUGUST, 1910.



EXPLANATION OF TINTS.

Land areas and sea permanently covered with field ice or ice sheet.

Sea open to navigation at some seasons of the year, and covered by ice at others.

Sea permanently open to navigation.

Red lines indicate isanomalies of pressure.
Red figures indicate positive deviations of temperature from normal.
Blue figures indicate negative deviations of temperature from normal.

REMARKS ON PRESSURE DISTRIBUTION, 1910.

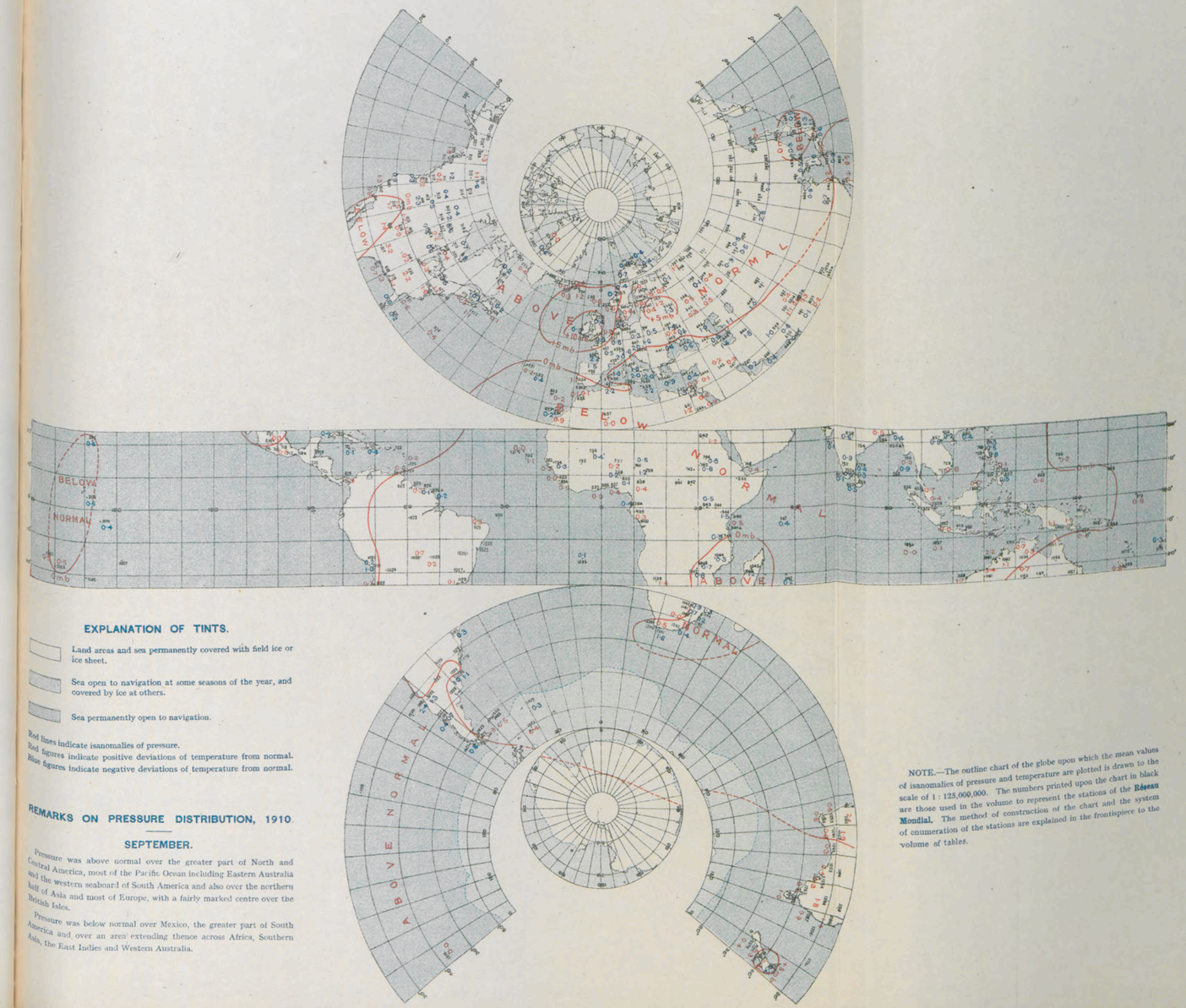
AUGUST.

Pressure was above normal over North America, the North Atlantic Ocean and the Arctic basin, and the whole of the Pacific Ocean, including also parts of South America and Australasia. There were centres of positive pressure deviation over Yukon, Greenland—Iceland.

Pressure was below normal over Africa, and most of Europe and Asia and the Southern Ocean, with a centre at the Falkland Islands.

NOTE.—The outline chart of the globe upon which the mean values of isanomalies of pressure and temperature are plotted is drawn to the scale of 1 : 125,000,000. The numbers printed upon the chart in black are those used in the volume to represent the stations of the **Réseau Mondial**. The method of construction of the chart and the system of enumeration of the stations are explained in the frontispiece to the volume of tables.

MAP SHOWING DEVIATIONS FROM NORMAL VALUES OF MEAN AIR PRESSURE AND MEAN TEMPERATURE FOR SEPTEMBER, 1910.



EXPLANATION OF TINTS.

Land areas and sea permanently covered with field ice or ice sheet.

Sea open to navigation at some seasons of the year, and covered by ice at others.

Sea permanently open to navigation.

Red lines indicate isanomalies of pressure.
Red figures indicate positive deviations of temperature from normal.
Blue figures indicate negative deviations of temperature from normal.

REMARKS ON PRESSURE DISTRIBUTION, 1910.

SEPTEMBER.

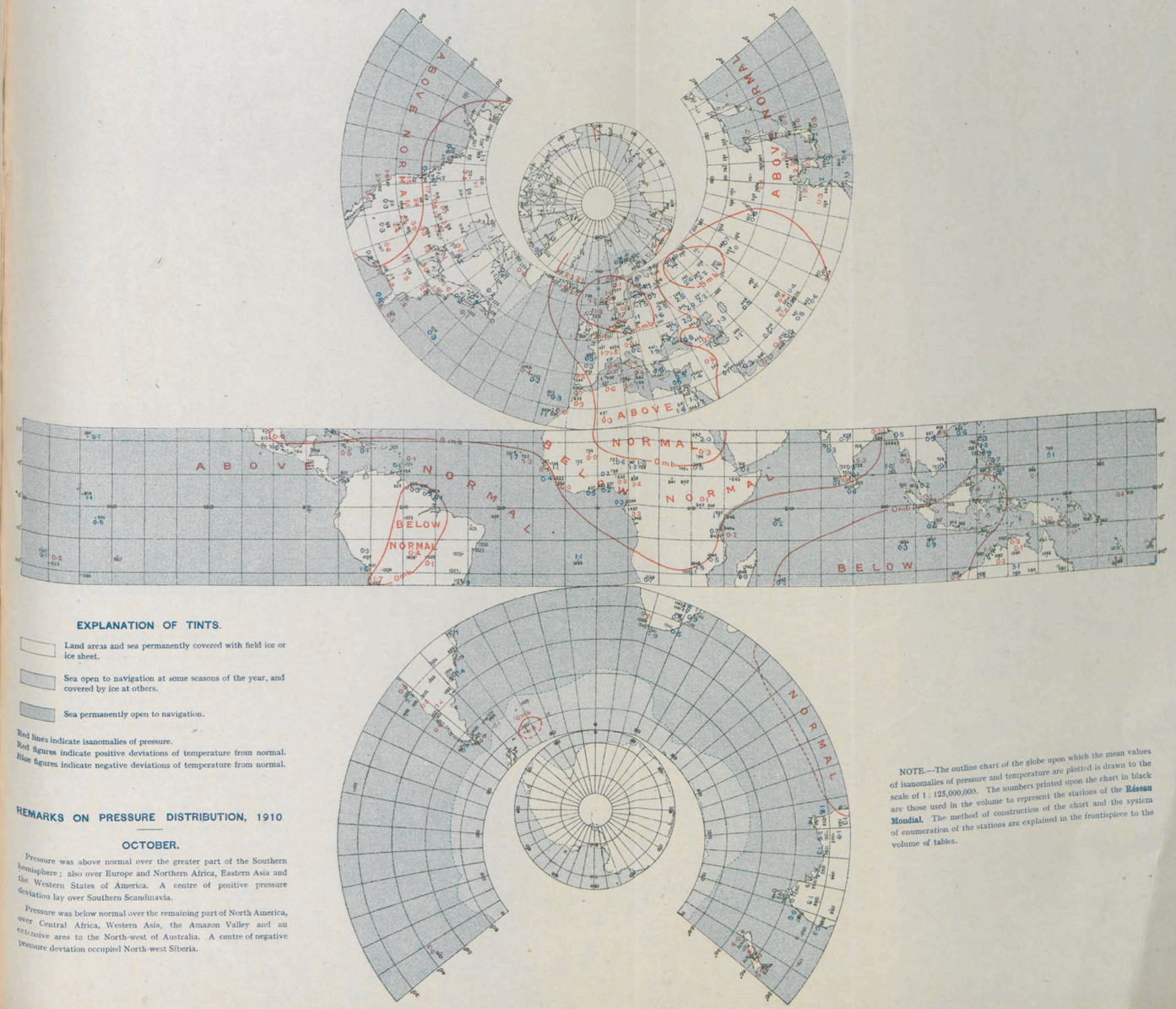
Pressure was above normal over the greater part of North and Central America, most of the Pacific Ocean including Eastern Australia and the western seaboard of South America and also over the northern half of Asia and most of Europe, with a fairly marked centre over the British Isles.

Pressure was below normal over Mexico, the greater part of South America and over an area extending thence across Africa, Southern Asia, the East Indies and Western Australia.

NOTE.—The outline chart of the globe upon which the mean values of isanomalies of pressure and temperature are plotted is drawn to the scale of 1 : 125,000,000. The numbers printed upon the chart in black are those used in the volume to represent the stations of the **Réseau Mondial.** The method of construction of the chart and the system of enumeration of the stations are explained in the frontispiece to the volume of tables.

Plate 11.

MAP SHOWING DEVIATIONS FROM NORMAL VALUES OF MEAN AIR PRESSURE AND MEAN TEMPERATURE FOR OCTOBER, 1910.



EXPLANATION OF TINTS.

Land areas and sea permanently covered with field ice or ice sheet.

Sea open to navigation at some seasons of the year, and covered by ice at others.

Sea permanently open to navigation.

Red lines indicate isanomalies of pressure.
Red figures indicate positive deviations of temperature from normal.
Blue figures indicate negative deviations of temperature from normal.

REMARKS ON PRESSURE DISTRIBUTION, 1910

OCTOBER.

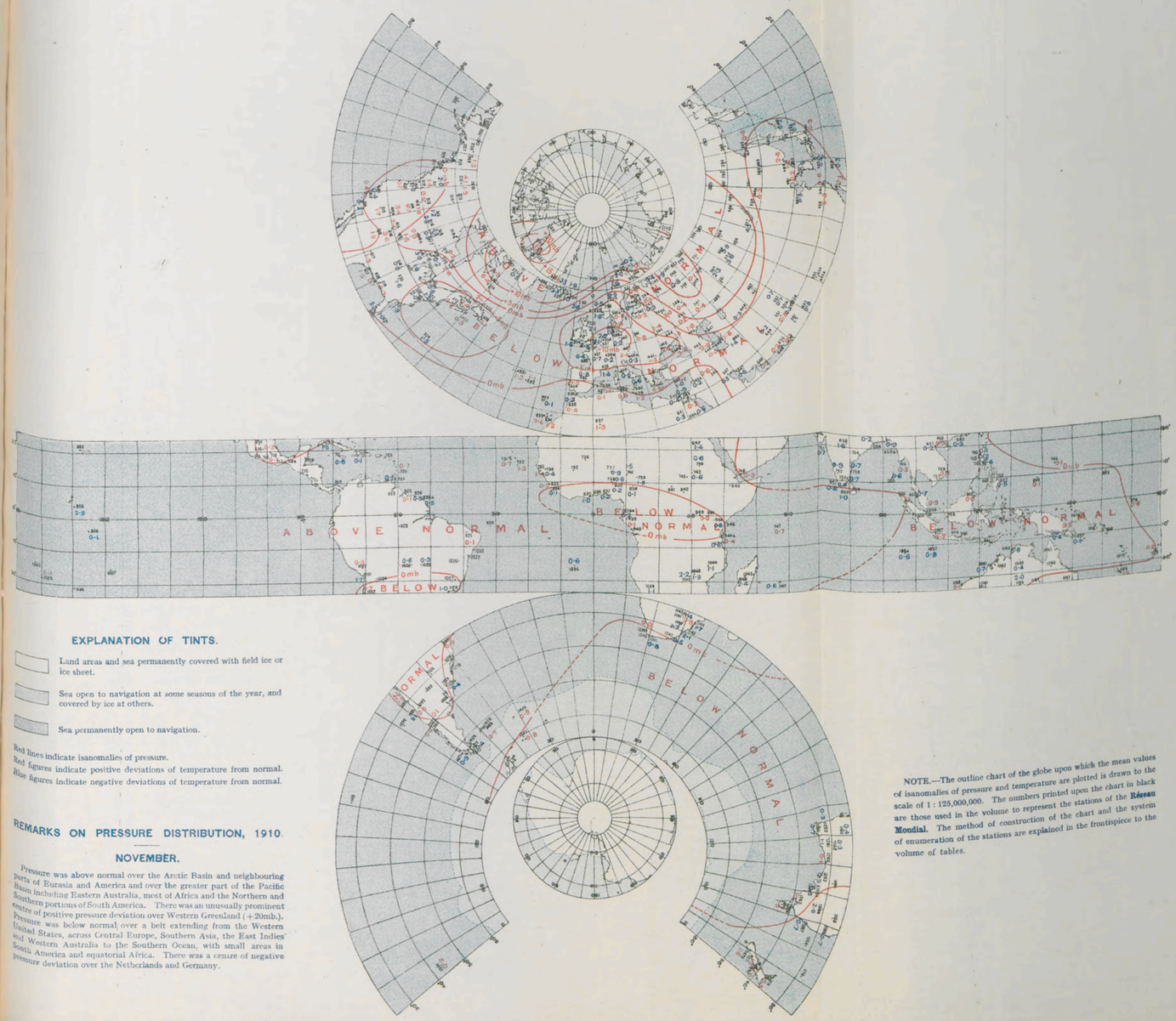
Pressure was above normal over the greater part of the Southern hemisphere; also over Europe and Northern Africa, Eastern Asia and the Western States of America. A centre of positive pressure deviation lay over Southern Scandinavia.

Pressure was below normal over the remaining part of North America, over Central Africa, Western Asia, the Amazon Valley and an extensive area to the North-west of Australia. A centre of negative pressure deviation occupied North-west Siberia.

NOTE.—The outline chart of the globe upon which the mean values of isanomalies of pressure and temperature are plotted is drawn to the scale of 1 : 125,000,000. The numbers printed upon the chart in black are those used in the volume to represent the stations of the **Réseau Mondial.** The method of construction of the chart and the system of enumeration of the stations are explained in the frontispiece to the volume of tables.

Plate 12.

MAP SHOWING DEVIATIONS FROM NORMAL VALUES OF MEAN AIR PRESSURE AND MEAN TEMPERATURE FOR NOVEMBER, 1910.



EXPLANATION OF TINTS.

Land areas and sea permanently covered with field ice or ice sheet.

Sea open to navigation at some seasons of the year, and covered by ice at others.

Sea permanently open to navigation.

Red lines indicate isanomalies of pressure.
Red figures indicate positive deviations of temperature from normal.
Blue figures indicate negative deviations of temperature from normal.

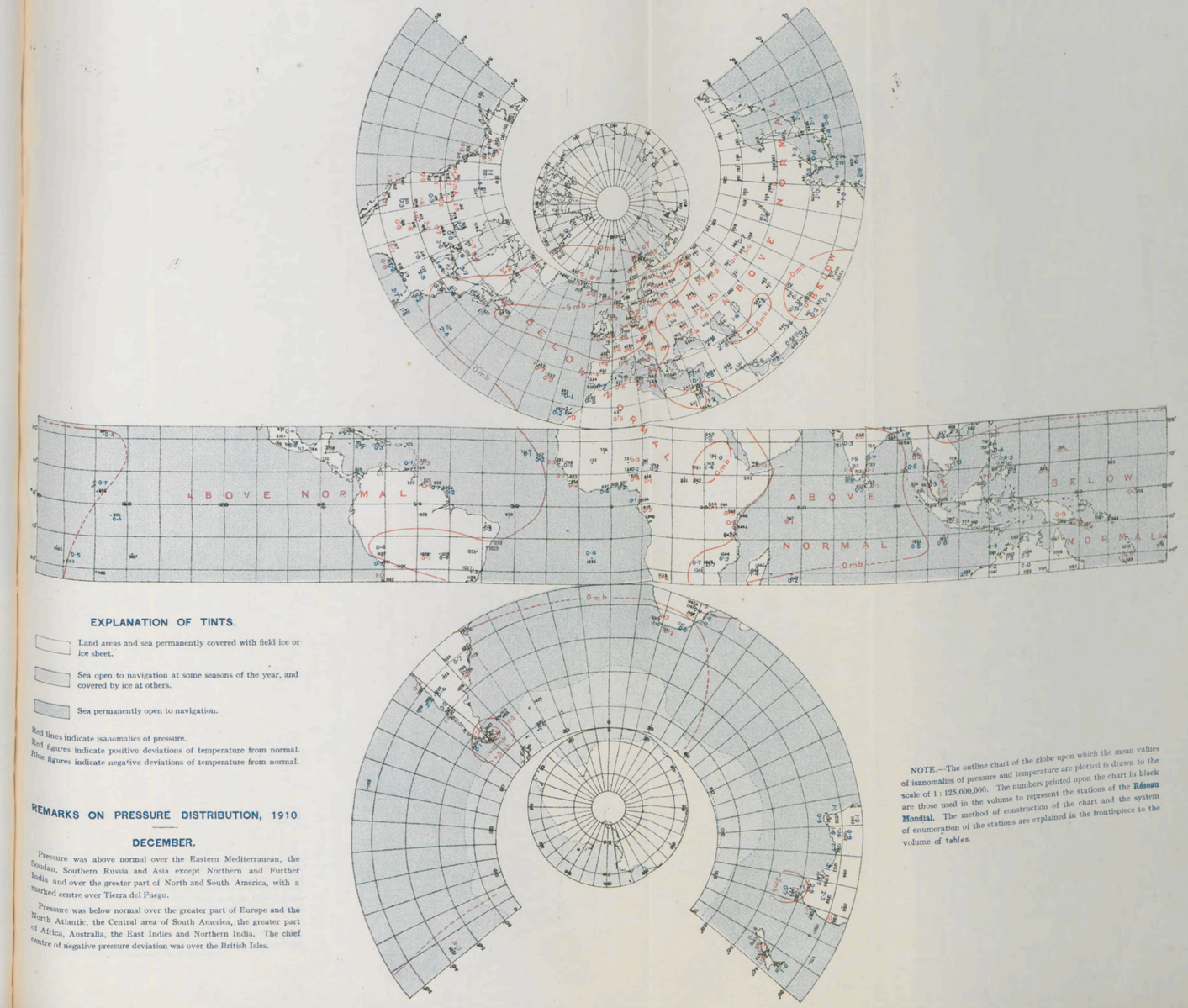
REMARKS ON PRESSURE DISTRIBUTION, 1910.

NOVEMBER.

Pressure was above normal over the Arctic Basin and neighbouring parts of Eurasia and America and over the greater part of the Pacific Basin including Eastern Australia, most of Africa and the Northern and Southern portions of South America. There was an unusually prominent centre of positive pressure deviation over Western Greenland (+20mb.). Pressure was below normal over a belt extending from the Western United States, across Central Europe, Southern Asia, the East Indies and Western Australia to the Southern Ocean, with small areas in South America and equatorial Africa. There was a centre of negative pressure deviation over the Netherlands and Germany.

NOTE.—The outline chart of the globe upon which the mean values of isanomalies of pressure and temperature are plotted is drawn to the scale of 1 : 125,000,000. The numbers printed upon the chart in black are those used in the volume to represent the stations of the **Réseau Mondial.** The method of construction of the chart and the system of enumeration of the stations are explained in the frontispiece to the volume of tables.

MAP SHOWING DEVIATIONS FROM NORMAL VALUES OF MEAN AIR PRESSURE AND MEAN TEMPERATURE FOR DECEMBER, 1910.



EXPLANATION OF TINTS.

Land areas and sea permanently covered with field ice or ice sheet.

Sea open to navigation at some seasons of the year, and covered by ice at others.

Sea permanently open to navigation.

Red lines indicate isanomalies of pressure.
Red figures indicate positive deviations of temperature from normal.
Blue figures indicate negative deviations of temperature from normal.

REMARKS ON PRESSURE DISTRIBUTION, 1910.

DECEMBER.

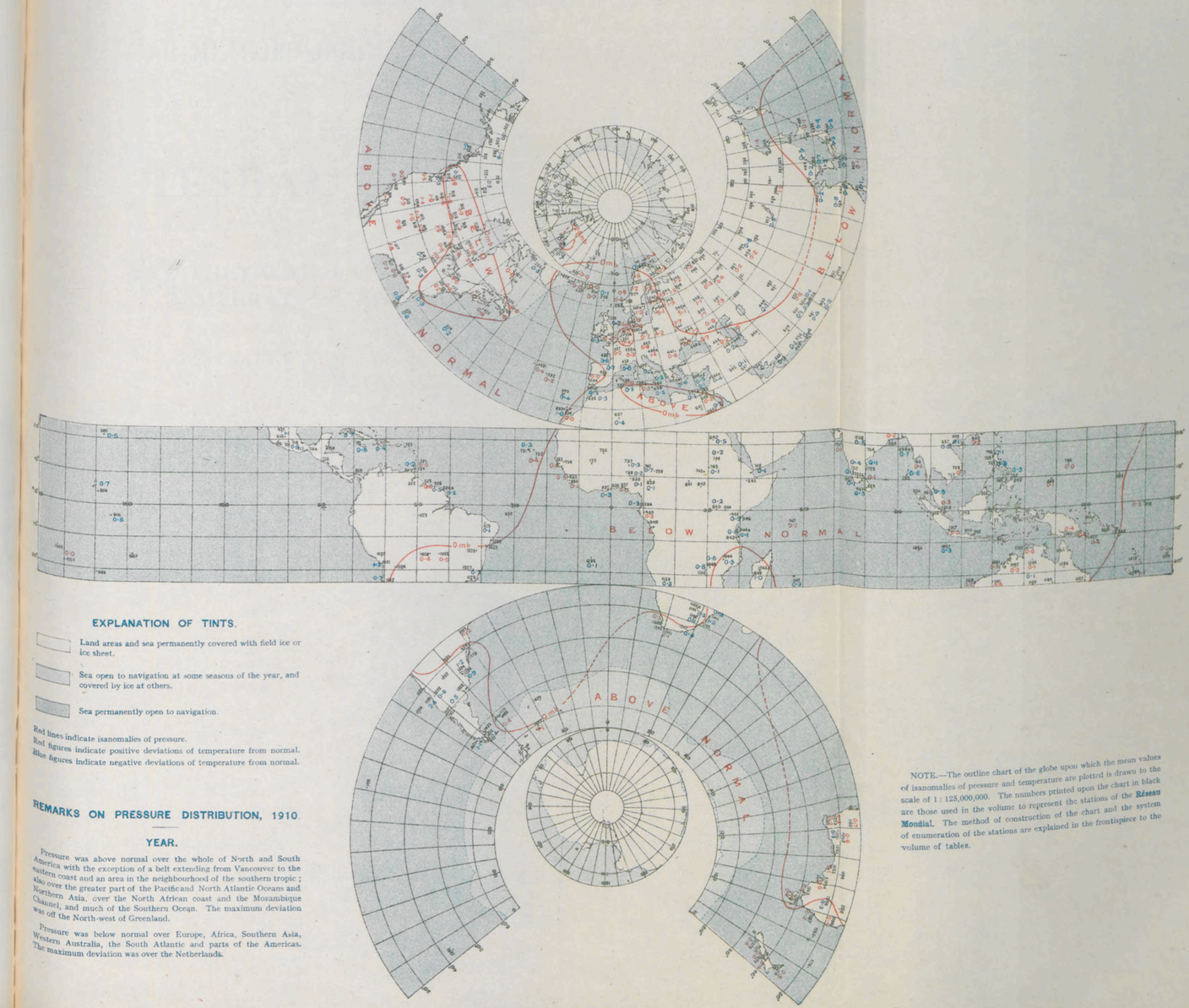
Pressure was above normal over the Eastern Mediterranean, the Soudan, Southern Russia and Asia except Northern and Further India and over the greater part of North and South America, with a marked centre over Tierra del Fuego.

Pressure was below normal over the greater part of Europe and the North Atlantic, the Central area of South America, the greater part of Africa, Australia, the East Indies and Northern India. The chief centre of negative pressure deviation was over the British Isles.

NOTE.—The outline chart of the globe upon which the mean values of isanomalies of pressure and temperature are plotted is drawn to the scale of 1 : 125,000,000. The numbers printed upon the chart in black are those used in the volume to represent the stations of the **Réseau Mondial.** The method of construction of the chart and the system of enumeration of the stations are explained in the frontispiece to the volume of tables.

Plate 14.

MAP SHOWING DEVIATIONS FROM NORMAL VALUES OF MEAN AIR PRESSURE AND MEAN TEMPERATURE FOR THE YEAR, 1910.



EXPLANATION OF TINTS.

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Sea open to navigation at some seasons of the year, and covered by ice at others.

Sea permanently open to navigation.

Red lines indicate isanomalies of pressure.
Red figures indicate positive deviations of temperature from normal.
Blue figures indicate negative deviations of temperature from normal.

REMARKS ON PRESSURE DISTRIBUTION, 1910.

YEAR.

Pressure was above normal over the whole of North and South America with the exception of a belt extending from Vancouver to the eastern coast and an area in the neighbourhood of the southern tropic; also over the greater part of the Pacific and North Atlantic Oceans and Northern Asia, over the North African coast and the Mozambique Channel, and much of the Southern Ocean. The maximum deviation was off the North-west of Greenland.

Pressure was below normal over Europe, Africa, Southern Asia, Western Australia, the South Atlantic and parts of the Americas. The maximum deviation was over the Netherlands.

NOTE.—The outline chart of the globe upon which the mean values of isanomalies of pressure and temperature are plotted is drawn to the scale of 1 : 125,000,000. The numbers printed upon the chart in black are those used in the volume to represent the stations of the **Réseau Mondial**. The method of construction of the chart and the system of enumeration of the stations are explained in the frontispiece to the volume of tables.